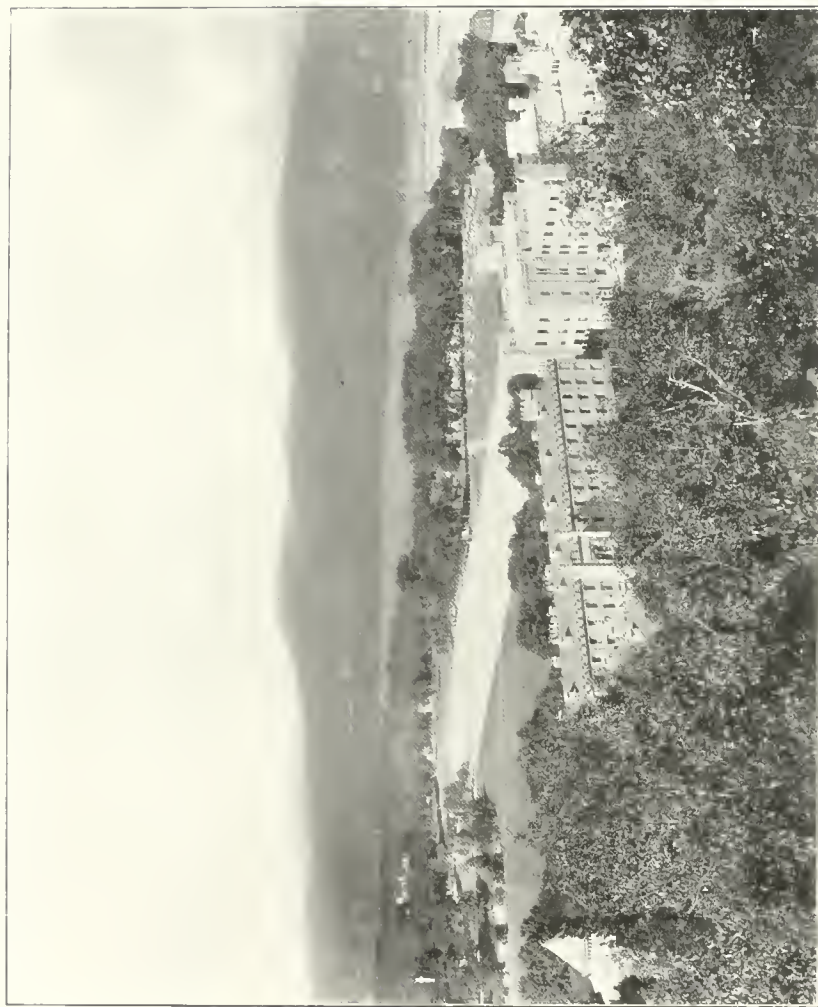


nia



VIEW FROM FORT PUTNAM, THE CADETS ENCAMPED.

THE CENTENNIAL OF THE UNITED
STATES MILITARY ACADEMY AT
WEST POINT, NEW YORK. ❀ ❀ ❀ ❀

1802-1902

Volume II
STATISTICS AND BIBLIOGRAPHIES



WASHINGTON
GOVERNMENT PRINTING OFFICE
1904

21
410
L1 13
V. 2

TABLE OF CONTENTS.

	Page.
View from Fort Putnam: The Cadets encamped. From General Farley's West Point	Frontispiece
Introductory Note	I
Bibliographies of West Point (1694-1902), of the U. S. Military Academy (1776-1902), and of the writings of graduates of the U. S. Military Acad- emy (1802-1902), by Edward S. Holden (U. S. M. A., 1870)	1
Bibliography of West Point (1694-1902), arranged chronologically . . .	9
Views of West Point and vicinity (1778-1902)	36
Maps of West Point and vicinity (1769-1902)	40
Miscellaneous papers, West Point and vicinity (1702-1902)	44
Bibliography of the U. S. Military Academy (1776-1902), arranged chronologically	46
Bibliography of the writings of graduates (1802-1902), arranged alpha- betically	165
List of graduates of the U. S. Military Academy (1802-1902), with the year of graduation and the number in General Cullum's Biographical Register, compiled by W. L. Ostrander	397
Editor's note	433

BIBLIOGRAPHIES OF WEST POINT (1694-1902), OF THE U. S. MILITARY ACADEMY (1776-1902), AND OF THE WRITINGS OF GRADUATES OF THE U. S. MILITARY ACADEMY (1802-1902).

By EDWARD S. HOLDEN, SC.D., LL.D.

U. S. Military Academy, 1871.

BIBLIOGRAPHIES RELATING TO THE MILITARY ACADEMY AND TO WEST POINT.²⁵

The following bibliographies relating to the United States Military Academy and to the post of West Point have been constructed —

First: By giving references to books and periodicals in the Library of the Academy. The letter "A" following a title indicates that the book is owned by the Library of the United States Military Academy.

Second: By copying titles from Poore's Catalogue of Government Publications, 1774-1881, and its various continuations to 1902. Only a few references to Congressional documents could be verified by the editor in the course of the work on account of lack of time.

Third: By copying titles from catalogues of books, etc., in the library of the War Department, Washington.

Fourth: By copying titles from catalogues of books, etc., now in the collection of the Division of Military Information, Adjutant-General's Office.

Fifth: By copying titles from the catalogues of a few large libraries in the United States, and from Poole's and other indexes to periodicals.

Sixth: By references to certain important series which have been thoroughly searched by the editor, such as the American State Papers, Military Affairs, and others of the sort.

Seventh: By reference to the biographies of statesmen and soldiers in the Library of the Academy. Miss Lucretia Pope, daughter of Major-General Pope (a graduate of 1842), was good enough to examine all such biographies, page by page, marking every reference to the Academy and to a certain list of persons. Many hundred volumes were thus

²⁵Not all of the cards of the original manuscript bibliographies are here printed. They are, however, preserved in the United States Military Academy Library.

searched by Miss Pope, leaf by leaf, and the significant entries subsequently copied by myself. This part of the work has been very thoroughly done, thanks to Miss Pope's intelligent assiduity.

Eighth: By reference to various series of manuscripts as follows:

The Cullum manuscripts in the possession of the Association of Graduates, United States Military Academy. These manuscripts have been carefully searched by Capt. Bertram C. Gilbert, Artillery Corps, and by myself. They include many letters by Colonel Thayer.

The Swift manuscripts loaned to the United States Military Academy by the heirs of Gen. J. G. Swift, first graduate (1802) of the Academy. These priceless papers were, by the great kindness of General Swift's heirs, deposited in the Library in October and November, 1902, and have been as thoroughly examined by Captain Gilbert and by myself as time allowed.

The manuscripts of Capt. Alden Partridge, Superintendent United States Military Academy (1815-1817), were loaned to us in October, 1903, by his son, Mr. Henry V. Partridge, of Norwich, Vt. They have been thoroughly examined by myself.

Miscellaneous manuscripts, records of the Dialectic Society, orderly books, etc., in the Library of the Academy, which have been thoroughly searched by Capt. Gordon Heiner, Artillery Corps, and by myself.

The manuscript papers (returns, reports, orderly books, letters, etc.), written at West Point in the years 1795 to 1829, which were transferred (in February, 1903) from the Schuylkill Arsenal to the Library of the Academy, through the courtesy of Capt. John T. Knight, U. S. Army, by authority of the Quartermaster-General and of the Adjutant-General, U. S. Army. These have been searched as thoroughly as time allowed by myself.

The manuscript index to the daily issues of the New York Times newspaper, from 1861 to 1902, from which every reference to West Point and to the United States Military Academy has been copied.

Manuscript orderly books and regimental returns belonging to the Pocumtuc Valley Memorial Association, of Deerfield, Mass., which were most kindly loaned to us in 1903, through the kindness of the president and secretary of the association, and which have been searched by me.

The manuscript records of the academic board, adjutant, quartermaster, and treasurer, United States Military Academy, have not been searched for lack of time. They should be gone over page by page, and would no doubt yield rich returns. Under existing conditions it has been simply impossible even to begin this work except in one point. The general orders, headquarters United States Military Academy, from February 19, 1838 (the date of the disastrous fire which destroyed the records of the Academy), to 1857 were, however, examined by Lieut. A. F. Casad, Artillery Corps, during November 1902. He has extracted many items of general interest which appear in the Military Academy

bibliography. Capt. Gordon Heiner, Artillery Corps, has been good enough to continue this examination from 1857 to 1902, and all the records from 1838 to 1902, as well as the orders of the commandant of cadets, have been examined by Capt. F. W. Sladen, U. S. Army, who has kindly given us the benefit of his search.

Capt. H. M. Reeve, Seventeenth Infantry, U. S. Army, during the summer of 1902 thoroughly searched the manuscripts of the State Department and of the Library of Congress, and made accurate copies of all significant documents with his own hand.

The greater part of this bibliography was completed in July, 1902. In the autumn of 1903 it was for the first time possible for me to leave my duties at West Point and to consult the manuscripts of the War Department in Washington. Through the great kindness of Brigadier-General Ainsworth, Brigadier-General Gillespie, Brigadier-General George B. Davis, and Colonel W. P. Hall, the manuscripts of the Record and Pension Office, of the Engineer Department, of the Judge-Advocate-General's Department, and of the Adjutant-General's Department were opened, and every assistance was given by them and by those immediately in charge of the records, especially by Messrs. Heitman and Wood. Brigadier-General Charles F. Humphrey, Quartermaster-General, was so good as to provide a stenographer to aid in the work; the Chief of the Record and Pension Office and the Adjutant-General permitted a large number of selected documents to be copied entire; and the Judge-Advocate-General caused copies to be made of two very long documents. Copies are filed with the adjutant, United States Military Academy and also in the Library.

The thanks of each and every graduate of the Academy are due for the generous aid thus offered by these gentlemen and by others not here named. The materials for a history of the United States Military Academy are now substantially complete.

The War Department records are very full; at the same time they are very special, as they cover official matters only. The bibliography as printed here represents more especially such miscellaneous information as can be derived from printed books rather than that contained in the manuscripts in the War Department. It is relatively much more full for the early years of the Academy's history (1802-1838) than for the later, since the records at West Point are complete after February, 1838.

BIBLIOGRAPHY OF THE WRITINGS OF GRADUATES.

The bibliography of the writings of graduates from 1802 to 1902 has been formed—

First: By including a very few lists of their own writings furnished by the graduates themselves. During the year 1899 a circular was sent to every living graduate, asking for a list of his published works for insertion in Volume IV of Cullum's Register. All such lists are here

included. They make, however, but an insignificant part of the whole. A similar request was printed in the Army and Navy Register for April 12, 1902, and brought a few returns. All graduates stationed at West Point have been formally requested to examine the bibliography while it was in manuscript, in order to make it as complete as practicable.

Some references to the history, etc., of a few nongraduates are included in the bibliography. Washington, Jefferson, Adams, Monroe, Madison, Jackson, Hamilton, Knox, Pickering, Nicola, and a few others of the Revolutionary period are mentioned in connection with the origin, founding, and progress of the Academy. The names and writings of professors and other officers of the Academy are likewise included.

Second: By copying the catalogue cards of the Library of the Military Academy for books, etc., published by graduates. The letter "A" following a title indicates that the book is now in the Library.

Third: By copying from Cullum's Biographical Register, Volumes I, II, III, IV, all references to books, etc., printed by graduates. Whenever such references were incomplete every effort has been made to complete them. If any graduate fails to find papers credited which he has published, it is earnestly requested that a notice of such omissions be sent to the editor.

Fourth: By copying titles from the catalogues of a few large libraries in the United States, particularly from the Libraries of Congress, the War Department, the Engineer Department, and from all available author-indexes to periodicals.

Fifth: All portraits of graduates (except photographs) owned by the United States Military Academy are here catalogued and, in order to make our list of portraits complete, I have included a few paintings and busts of nongraduates that are owned by the Academy. Most of the data under this head have been furnished by Prof. C. W. Larned, U. S. Military Academy.

Sixth: I have made a list of the statues and other memorials erected in honor of distinguished graduates throughout the country and it is here included, although it is not complete. The data here given have been gathered from a great variety of sources—from the letters of personal friends, from published biographies, from the catalogues of brass founders, etc.

Seventh: A large collection of engraved portraits has been made by the Library of the Academy with the assistance of Paul Larned, cadet U. S. Military Academy, and a list of them is here printed.

Eighth: A list of photographs of graduates owned by the West Point army mess has been prepared under the direction of Capt. H. M. Reeve, U. S. Army, and is here included.

Ninth: The writings of engineer and ordnance officers are taken from the indexes to the reports of the Chief of Engineers and of the Chief of Ordnance, so far as they have been printed.

An author-index to the former reports was made in this library by Private Brownly. The index to the reports of the Chief of Engineers has been continued in manuscript from 1892 to date under the direction of Lieut. Col. C. W. Raymond, Corps of Engineers, by Mr. John McClure, chief clerk of the engineer office, in Philadelphia, by the kind permission of the Chief of Engineers, and its data are here included.

The printed indexes of the reports of the Chief of Ordnance have been continued, in manuscript, from 1893 to date by the courtesy of the Chief of Ordnance and are here included.

Annual reports of a routine nature are, in general, not mentioned here. Such reports are incident to the official station held by the graduate.

The reports indexed in the Records of the Civil War are likewise omitted. Every article written for magazines, etc., by graduates has been included, whenever it is known to the editor. The object of the catalogue has been to exhibit the intellectual product of the Academy for a hundred years. If magazine articles of the sort are included—as they certainly should be—it is clear that we can not omit a project for a bridge over the Mississippi River, or a series of experiments upon the effect of explosives.

It is also obvious that the editor can not decide what scientific reports of the sort are more important and what are less so; hence it has been necessary to include all such.

Tenth: The titles of writings of artillery and other officers have been copied from a complete author-index (manuscript) to the Journal of the United States Artillery made by Capt. C. DeW. Willcox, of the Artillery Corps, during 1902.

Eleventh: The titles of the writings of cavalry and other officers have been copied from a complete author-index (manuscript) to the Journal of the United States Cavalry Association made by Lieut. T. A. Roberts, Tenth Cavalry, in 1902.

Twelfth: The titles of the writings of infantry and other officers have been copied from a complete author-index (manuscript) to the Publications of the Infantry Society made by Capt. R. C. Davis, Seventeenth Infantry, U. S. Army, in April, 1902.

Thirteenth: The titles of other writings of graduates have been taken from a complete author-index (manuscript) to the Journal of the United Service Institution made by Lieut. T. A. Roberts, Tenth Cavalry, U. S. Army, in 1902.

Fourteenth: The reports of the Coast Survey, of the National Academy of Sciences, of the Pacific Railway Surveys, of the surveys west of the one-hundredth meridian (Wheeler's and others), etc., have been searched by the editor.

Fifteenth: The theses of graduates of the Artillery School, have likewise been catalogued so far as they could be found. There is no published list of them, so far as is known to me.

Sixteenth: The valuable index to the Annals of the Association of Graduates United States Military Academy prepared by Capt. W. C. Rivers, First Cavalry, U. S. Army, has been consulted for references to the places where obituaries and portraits of deceased graduates can be found. Where a portrait is known to exist in any of the books catalogued here, the fact is noted after the title entry.

Seventeenth: By copying titles from standard biographies of the graduates all works there credited to them. In cases of this sort it has not always been possible to obtain full titles, etc., but no pains have been spared in this regard.

Eighteenth: The very numerous entries from the 128 volumes of the Official Records of the War of the Rebellion which relate to reports, etc., from graduates are not here given. Each one of the 128 volumes of that work has its own index in which the names of graduates occur at every few lines. The index to these indexes is itself a volume of 1,242 pages. Reports from many of the graduates are found in 10, 20, or even more volumes; and in many places in each separate volume. Reference is here made, once for all, to the Official Records above cited. Its indexes, together with the entries here printed, exhaust the sources of information at present accessible to the editor.

It is obvious that a bibliography of this sort can not be made *complete* except by very long research, nor without the direct assistance of the graduates themselves; nor can it be made accurate except by repeated revision by skilled hands. In the publications of Congress, and of the War Department, proper credit can not be given to officers without turning over the pages of each document one by one. There has been no time for an exhaustive examination of the sort. The following bibliographies are but specimens of a work that must eventually be done in a thorough and complete manner. They are but a first attempt. In making them it has not been possible to command the services of even a single trained clerk. The editor will be grateful for notice of all necessary corrections and additions. He is very conscious of the imperfections of the lists here printed.

At the same time he asks that they should be judged by comparing them with previously printed lists of the sort rather than with an ideal standard of perfection. They constitute a painstaking attempt to exhibit the activity of the Military Academy in one direction; and even in their present form demonstrate its signal vitality and usefulness.

Our graduates are by their training and habit men of action rather than scholars, students, or writers. Yet in the latter capacities they have left a mark upon the nineteenth century which is highly honorable to their alma mater and to themselves. Four thousand and twenty-one persons graduated at the Military Academy from 1802 to 1902. The

bibliography of the writings of these graduates which follows contains about 16,000 titles. It is submitted that this is an extraordinary output for an institution that, by its nature, trains its pupils for scientific and technical work alone. Officers of the Army are taught to act, not to write. When an act is approved by the proper official superior, it is forgotten and the officer goes on to other acts. Viewed in this light the catalogue that follows is most instructive, and it conclusively answers the question whether or not the educational methods of the Academy fit its graduates for their places in military and in civil life.

BIBLIOGRAPHY OF WEST POINT, 1524-1902.

Arranged chronologically.

[NOTE.—A signifies that the book cited is in the library of the United States Military Academy or in that of the Association of Graduates of the United States Military Academy. C indicates that the book cited is a Congressional document, most of which are owned by the Academy.]

WEST POINT.

- 1524.** Verrazzano discovers the mouth of the Hudson River.
- 1609, September 14.** Hendrik Hudson anchored near West Point. MS. Capt. H. M. Reeve, U. S. Army.
- 1633, April.** The *William*, of London, was the first English ship to go up the Hudson. Janvier: Dutch founding of N. Y., p. 89. (A)
- 1694, March 1.** Capt. John Evans, R. N., commanding H. M. frigate *Richmond*, "to have a patent for land up Hudson's river." This patent included West Point. Mar. 14, 1710; Order concerning lands resumed by the Crown from Captain Evans. Calendar of Council Minutes, N. Y., 1668-1783, pp. 95, 235. The land was patented to Captain Evans, Sept. 20, 1694. (Abstract of Patents, 3:164, No. 1448. (A))
- 1694-1902.** Geology, climate, physical geography. In Tarr (R. S.): The physical geography of New York State (with a chapter on climate). N. Y., 1902, 1 vol., O. (A)
- Akerly (Samuel): An essay on the geology of the Hudson River . . . Illustrated . . . maps. N. Y., 1820, 1 vol., 8°, pp. 69. (A)
- 1710, March.** Warrant for patent to Capt. Charles Congreve. This patent included lands at West Point. Calendar of Council Minutes, N. Y., 1668-1783, p. 235. Petition granted Mar. 7, 1710. The date of the royal patent to Congreve is May 17, 1723. (A)
- 1723-1871.** Boynton, Capt. Edward C.: History of West Point, and its military importance during the American Revolution, and the origin and progress of the U. S. Military Academy . . . xviii + 408 pages. N. Y., 1863, 1 vol., O.; 2d ed., 1871. (A)
- 1723-1889.** (West Point Reservation.) Congreve tract (northern part, 1,463 acres) granted to Charles Congreve, May 17, 1723. The rent was 2s. 6d. per 100 acres. Moore tract, 332 acres, granted to John Moore, Mar. 25, 1747. Both the foregoing purchased for \$11,085, July 5, 1790; Gridley tract, 310 acres, purchased for \$10,000, Mar. 10, 1824; Kinsley tract, 225 acres, purchased for \$150,000, Mar. 2, 1880. Jurisdiction ceded by the State of New York to the United States Mar. 2, 1826, May 15, 1888, June 7, 1875, and Sept. 27, 1876.
- 1723-1889.** Lands comprising the military reservation of West Point, N. Y., 1723-1889. (Information relating to the.) U. S. M. A. Press, 1891, 1 vol., O. 206 pp. (A)
- 1746, November 3.** Patent granted to John Moore. This included lands at West Point. Calendar of Council Minutes, N. Y., 1668-1783, p. 362. Petition granted Nov. 3. The date of the royal patent to Moore is Mar. 25, 1747. (A)
- 1750-1783.** (West Point and vicinity.) The first iron furnace in Orange County; the Sterling Iron Works (1752); the chain across the Hudson made there and put in place May 1, 1778; two other chains were put in place, one at the mouth of Murderers Creek, near Cornwall Landing, the other at Fort Montgomery. See Tenth Census of the U. S., 1880, vol. 2, p. 65. (A)
- 1769.** See The Hudson River from Ocean to Source, p. 346. (A)
- 1774.** Broadside—debates on dividing Orange County. N. Y., 1 p., f. (N. Y. Public Library.)
- 1775, May 25.** Resolution of the Continental Congress providing for establishing posts to command the Hudson River; directing experienced persons to report where obstructions should be placed. (A)
- 1775, May 30.** Act of the Provincial Congress directing Colonel Clinton and Mr. Tappan to report on suitable sites for forts on the Hudson, with estimates of their cost. The report was made on June 13, 1775. (A)

- 1775, August 18. Resolution of the Provincial Congress for fortifying the Hudson. (A)
- 1775, August 29. Commissioners appointed by the Congress, with Col. Bernard Romans, engineer, began the erection of forts in the Highlands. The plans of Colonel Romans of works to be erected on Constitution Island are described in Boynton's History of West Point, p. 22. The report is in Amer. Archives, vol. 3. (A)
- 1775, September. The committee of safety on the fortifications in the Highlands—reports, letters, maps, by Col. Bernard Romans, etc. Amer. Archives, vol. 3, p. 735. (A)
- 1775, October 1. Commissioners recommend the building of Fort Montgomery. Nov. 3, three companies ordered to garrison Constitution Island. Boynton's History of West Point, p. 24. (A)
- 1775, November 23. Commissioners recommend to Congress to fortify West Point. Amer. Archives quoted in Boynton's West Point, p. 25. (A)
- 1775 et seq. Lee papers. 4 v. (See N. Y. Hist. Soc. Collections. Publication fund ser., 1871-74.) Military affairs along the Hudson during the Revolution.
- 1775-1778. Obstructions in Hudson River described (1) at Fort Washington, Westchester County; (2) at Fort Montgomery (1776); (3) at West Point (1778); (4) at Pallops Island (1776). Eager's History of Orange County, N. Y., p. 594. (A)
- 1775-1783. See MSS. of Horatio Gates in Library of N. Y. Hist. Soc.
- 1775-1783. Thacher, Jas.: A military journal during the American Revolutionary War . . . 1 vol., O², 1823. (A)
- 1775-1783. For a list of Revolutionary MSS., many of which relate to West Point, see Univ. of the State of N. Y. State Library Bulletin, History No. 3, June, 1899. (A)
- 1775-1783. Objections to employing the troops of one State at West Point within the borders of another. Life of Elbridge Gerry, vol. 1, p. 456. (A)
- 1776, January 5. The Continental Congress resolves that Fort Montgomery be built. Jan. 16, Col. Isaac Nicol placed in command of the fortifications in the Highlands and so remains until June 8. Boynton's History of West Point, pp. 27-28. (A)
- 1776, April 5. The garrison of Fort Constitution is 124 men; the works described. Boynton's History of West Point, p. 28. (A)
- 1776, May 21. General Washington directs Lord Stirling, Col. R. Putnam, and Col. H. Knox to examine the forts in the Highlands. The detailed report is dated June 1 and signed by Lord Stirling. Boynton's History of West Point, p. 28. (A)
- 1776, July 16. A secret committee of the provincial convention charged to obstruct the channel of the Hudson River. (A)
- 1776, July 25. Letter from Jacobus Van Zandt to Governor Clinton relative to chain across the Hudson at West Point. Pub. Papers of George Clinton, vol. 1, p. 273.
- 1776, July 26. General Washington has sent Lieut. Thomas Machin to lay out such works at West Point as are thought necessary by the officers there. Pub. Papers of George Clinton, vol. 1, p. 276. (A)
- 1776, November 11. Washington inspected West Point with regard to the building of forts there. Irving's Washington, vol. 2, p. 405. (A)
- 1776, November 12. General Heath in command of the Department of the Highlands. Gen. Israel Putnam placed in command in May, 1777. Boynton's History of West Point, p. 43. (A)
- 1776, November. Obstructions in the Hudson. Lossing's Life of Schuyler, pp. 150-152. (A)
- 1776, December 1. The garrison at Constitution Island increased by two regiments to work on the obstructions at Pallops Island. Boynton's History of West Point, p. 41. (A)
1776. Obstructions of the Hudson River. See MSS. Nos. 66 to 96 at Washington's headquarters in Newburgh, N. Y.
- 1776-1783. Die Deutschen Hilfstruppen in nordamerikanischen Befreiungskriege Hannover, 1863, 1 vol., 8², pp. 397-271. (The Hessian and other mercenary troops in the war of the Revolution.) (A)
- 1776-1783. The MSS. of General Heath are in possession of the Mass. Hist. Soc. They have not been examined for the preparation of this memorial volume.
- 1777, February 14 to March 28. General Parsons in command; his reports on the progress of the work dated Feb. 18, Mar. 7, Mar. 16; General Kosciusko took charge of the works Mar. 26; General MacDougall assumed command of the post Mar. 28; Col. Rufus Putnam's regiment built Fort Putnam. Boynton's History of West Point, p. 62. (A)

- 1777, March.** (West Point and vicinity.) History of the chain at Fort Montgomery with a map of the Hudson. Life of General Paterson, pp. 126, 128. (A)
- 1777, April 5.** The works on Constitution Island mounted fourteen 6-pounders, eight 9-pounders, eight 4-pounders. Lord Stirling's report to Washington on these works, June 1, 1776. (C)
- 1777, May 17.** Generals MacDougall, Knox, Greene, Clinton, and Wayne recommend a boom at Fort Montgomery. Boynton's History of West Point, p. 42. (A)
- 1777, October 7.** The obstructions at Fort Montgomery and in the Hudson (which had cost \$250,000) were destroyed by the British.
— Fort Constitution (in command of Capt. G. Mott since Aug. 9) summoned to surrender by the British; Oct. 8, he abandoned the island. General Tryon then demolished the fortifications in the Highlands. Continental village was destroyed. Boynton's History of West Point, p. 47. (A)
- 1777, October 15.** Forts Montgomery and Clinton taken Oct. 6 by the British; the Americans then evacuated Fort Constitution and the block-house on Constitution Island. West Point was not yet fortified. Heath's Memoirs, p. 130. (A)
- 1777, October.** The British, under General Vaughan, went up the Hudson and destroyed Esopus—their farthest north in this campaign. Cutler's Life of Israel Putnam, p. 314. (A)
- 1777, October, to 1778.** Biography of Dr. Timothy Dwight, chaplain to General Parsons brigade, in his Theology, p. xvi.
- 1777, November 7.** General Putnam writes to General Washington in regard to a boom across the river at West Point. Irving's Washington, vol. 3, p. 313. (A)
- 1777, November.** The honor of selecting West Point to be fortified is [erroneously] claimed solely for Gen. Israel Putnam. Humphrey's Life of Putnam, p. 154. (A)
— Lieutenant-Colonel Radière opposed the selection of West Point as a fortified place. Cutler's Life of Israel Putnam, p. 340. (A)
— The plain was then covered by a growth of yellow pines 10 or 15 feet high—not large enough to use for building huts. Narrative of the Revolution. The United Service, vol. 4, Oct., 1903, p. 361. (A)
- 1777, December 2.** General Washington instructs General Putnam to use his whole force to fortify the Highlands. On Nov. 5, 1777, Governor Clinton, General Parsons, and Lieutenant-Colonel Radière had determined on a boom at Constitution Island and a fort at West Point to defend it. Boynton's History of West Point, pp. 48-50. (A)
— General Gates in command of West Point. Life of General Paterson, p. 160. (A)
- 1777, December 20.** Letter from George Clinton to General Washington, relative to erecting a strong fortress at West Point and strengthening chain across river. Pub. Papers of George Clinton, vol. 2, p. 501.
- 1777.** The Fort Montgomery boom and chain were stretched from Anthony's Nose on the east shore of the Hudson to Chain Point on the west shore just south of the present iron railway bridge. Fort Clinton stood on the crag above Chain Point. A part of this chain had been used at Lake Champlain in 1775. Some links of the chain are now at Ringwood (N. J.), the rest at West Point.
— Scrap-book of autograph letters, maps, plans, bills, etc., relating to the manufacture, etc., of the chain across the Hudson. (Specially correspondence relating to Captain Machin's share in the work—a few letters of Colonel Lamb's.) Property of Hon. Thomas R. Proctor, Utica, N. Y. [Subsequently given to U. S. Military Academy.]
— The old provost prison at West Point was a retaliatory institution where English prisoners received the same treatment as American prisoners in New York City. See MSS. 114 and 133 at Washington's headquarters at Newburgh, N. Y.
- 1777 et seq.** Captain Machin, employed on the fortifications at West Point, in stretching the chain across the river, etc. Eager's History of Orange County, N. Y., pp. 204, 595. (A)
- 1777-78, winter of.** Fort Clinton (then Fort Arnold) begun under Lieutenant-Colonel Radière; Mar. 12, 1778, Kosciuszko in charge, with Col. Rufus Putnam assisting; Fort Arnold completed in June; Forts Wyllis, Webb, and Putnam built at this time; chain across the Hudson.
- 1777-78.** The site of Fort Sherbourne was near the present Trophy Point.
— Fort Webb was built where the observatory now stands.

- 1777-1783.** General Parsons in command, winter of 1777-78; General Paterson in command, winters of 1778-79 and 1779-80; General Heath commanded in the Highlands, 1780-81; General McDougall commanded in the Highlands, 1781-82; General Paterson at West Point, autumn of 1783; General Knox in command of West Point, June to December, 1783. *Life of John Paterson*, p. 299. (A)
- 1778, January 7.** Letter from George Clinton to General Putnam, giving his opinion in favor of fortifying West Point for the security of the river. *Pub. Papers of George Clinton*, vol. 2, p. 653.
- 1778, January 13.** A committee visits West Point with a view to laying out fortifications. *Livingston: Israel Putnam*, p. 370. (A)
- 1778, January 14.** Report of a committee in favor of fortifying West Point and stretching a chain across the Hudson there and maintaining at least 2,000 light troops in the mountains. *Boynton's History of West Point*, p. 53. (A)
- 1778, January 20.** General Parsons and his brigade garrison West Point. Fort Clinton begun under Lieutenant-Colonel Radière; a contract for the chain signed Feb. 2, with the Sterling Iron Works. *Boynton's History of West Point*, p. 56. (A)
- West Point first occupied as a military post; its occupation continuous since that date.
- 1778, January 24.** Letter from Israel Putnam to Governor Clinton reporting the progress of the works at West Point. *Pub. Papers of George Clinton*, vol. 2, p. 690.
- 1778, February 3.** Letter from Hugh Hughes to Governor Clinton relative to the "New chain at West Point." *Pub. Papers of George Clinton*, vol. 2, p. 707.
- 1778, February 8.** Capt. James Beebe detached from his regiment (Eleventh Connecticut line) to serve as captain of a permanent corps of sappers and miners stationed at West Point. *Connecticut in the Revolution*, p. 298, and *MS.*, letter of William S. Beebe (Aug. 24, 1897). (A)
- 1778, February 10.** Letter from Charles Moore to Governor Clinton, dated West Point, relative to occupying the Robinson House upon surrendering possession of his farm at West Point. *Pub. Papers of George Clinton*, vol. 2, pp. 740-741.
- 1778, February 13.** Gen. Israel Putnam reports on the defenses of West Point, and on the pitiable condition of the troops. General Parsons in command Feb. 14. *Livingston: Israel Putnam*, pp. 371-372. (A)
- 1778, February 19.** Letter from Henry Wisner to Governor Clinton advising as to condition of affairs at West Point. *Pub. Papers of George Clinton*, vol. 2, p. 778.
- 1778, February.** Questions of General Putnam and answers of Governor Clinton relative to the defense of the Hudson. Captain Machin has hitherto had charge of making the chevaux de frise and chain, and understands what is needed. *Pub. Papers of George Clinton*, vol. 2, pp. 724-729.
- 1778, March 5.** Letter from General Gates relative to defenses at West Point. . . . Governor Clinton in general charge by order of the board of war. Colonel La Radière is to conform his plans to the circumstances of the case; Colonel Kosciuszko is to be ordered to the Highlands. *Pub. Papers of George Clinton*, vol. 2, pp. 847-848.
- 1778, March 16.** Gen. Samuel Holden Parsons writes from West Point to General Washington as to the defenses there; he will be ready to stretch the chain next week; two sides and a bastion of the fort [Arnold?] will be completed in a fortnight. He was in command of the post June 5, 1779. *Mildreth: Early Settlers of Ohio*, pp. 209, 536. (A)
- 1778, March 17.** Letter from Governor Clinton to Colonel Hughes relative to grievances of workmen at West Point. *Pub. Papers of George Clinton*, vol. 3, p. 48.
- 1778, March 26.** Lieutenant-Colonel Radière relieved in charge of works at West Point by Kosciuszko. *Cullum MS.* (A)
- 1778, March.** Col. Rufus Putnam with his regiment ordered to West Point; Fort Putnam was built by his regiment. In 1779 he erected a battery on the site of old Fort Montgomery (destroyed). In November, 1781, he was with his regiment at West Point. *Mildreth: Early Settlers of Ohio*, pp. 72-73, 78, 81. (A)
- Maj. Gen. Alex. McDougall appointed to command West Point. *Livingston: Israel Putnam*, p. 373. (A)
- 1778, March to April.** Returns of a detachment of Colonel Allison's regiment on fatigue duty at West Point. *Pub. Papers of George Clinton*, vol. 3, p. 443. (A)
- 1778, April 3.** Letter from Henry Wisner to Governor Clinton advising everything serene at West Point. *Pub. Papers of George Clinton*, vol. 3, p. 122. (A)

- 1778, April 11.** Instructions for building Fort Putnam; for fortifying West Point; dispositions for the garrison in case of attack (apparently some of the Corps of Invalids were there present); Fort Putnam was nearly inclosed by April 13. Boynton's History of West Point, pp. 63-67. (A)
- 1778, April 13.** General McDougall accompanied Count Kosciusko to West Point to perfect its fortifications. Carrington: Washington the Soldier, p. 212. (A)
- 1778, April 15.** Letter from Governor Clinton to General McDougall relative to dismissing militia at West Point. Pub. Papers of George Clinton, vol. 3, pp. 168, 170. (A)
- 1778, April 19.** Letter from James Clinton to Governor Clinton advising militia at West Point dismissed and work suspended. Pub. Papers of George Clinton, vol. 3, p. 195. (A)
- 1778, April 27.** Eight officers of engineers, 177 enlisted artificers under Colonel Kosciusko at work at West Point. McDougall MSS. (A)
- 1778, last of April.** The great chain stretched across the Hudson; General Parsons assumed command Apr. 22. Boynton's History of West Point, pp. 75, 79. (A)
- 1778, May 1.** Governor Clinton to Governor Trumbull, advising new chain in position, and state of works at West Point. Pub. Papers of George Clinton, vol. 3, p. 246. (A)
- 1778, May 10.** Letter from Thomas Conway to Governor Clinton, advising shipment of heavy ordnance to West Point. Pub. Papers of George Clinton, vol. 3, p. 290. (A)
- 1778, May.** General Gates in command. Some pieces captured at Burgoyne's surrender were brought to West Point engraved with the date of the surrender. [Nos. 95, 101, 102, 103, 104, 110, 111, 112 of Ordnance Museum U. S. M. A., and probably others not there mentioned.] The United Service, vol. 4, Oct., 1903, pp. 362-363. (A)
- 1778, June 2.** Letter from Governor Clinton to Colonel Cantine, diverting Colonel Cantine's command from West Point to Schoharie. Pub. Papers of George Clinton, vol. 3, p. 389. (A)
- 1778, June 27.** Letter from General Gates, dated June 27, 1778, requesting Governor Clinton to take command of West Point. Pub. Papers of George Clinton, vol. 3, p. 496. (A)
- 1778, June.** Description of the site. Thacher's Journal, pp. 132-133, 215-216. (A)
- 1778, July 16.** General Washington inspects West Point and is saluted by 13 guns. Thacher's Journal, p. 167. (A)
- 1778, July 28.** Kosciusko's garden described in Thacher's Journal. (A)
- 1778, August 2.** The works in very bad order. Life of John Lamb, p. 207. (A)
- 1778, August 21.** James Owen, a Tory returned from the enemy, sent to West Point to work. Pub. Papers of George Clinton, vol. 3, p. 674. (A)
- 1778, August 21, to 1779, June 18.** Return of the Eighth Massachusetts Regiment of foot, commanded by Col. James Wesson. 1 vol. F. MS. (The regiment was stationed at West Point or in the Highlands during much of this period.) The volume is the property of the Pocumtue Valley Memorial Association, Deerfield, Mass.
- 1778, August 30 to October 6.** Orderly book of Colonel Malcolm's regiment at West Point. MS. N. Y. Hist. Soc. Aug. 30, no furloughs to be granted; Sept. 3, boats passing the chain to show passports; Sept. 4, laundresses must not charge for washing more than 66 cents per month per man; Sept. 6, fatigue parties to work from 6 a. m. till the evening gun, except 8-9 a. m., breakfast, 12-2 p. m., dinner; Sept. 25, tattoo at 7 p. m.; reflections by one corps on another breed a spirit of discord; Sept. 26, Colonel Burr is president of a general court-martial.
- 1778, September 15.** Letter from Maj. Samuel Ten Broeck to Col. Robert Banson, giving list of men in Col. Peter R. Livingston's regiment who refused to go to West Point (Fort Arnold) when ordered. Pub. Papers of George Clinton, vol. 4, p. 33. (A)
- 1778, September 19.** General Washington writes to General Duportail from Fort Clinton approving the latter's plans for the defenses of the Hudson, but instructing him to carry out Colonel Kosciusko's plans at Fort Clinton, and to modify those for Constitution Island, if necessary. Spark's Life of Washington, vol. 6, pp. 67-68. (A)
- 1778, September (?)** Gen. J. Putnam, with two brigades, stationed near West Point. Irving's Washington, vol. 3, p. 471. (A)
- 1778, November 25.** Two companies of artillery at Fort Arnold, West Point; one company on Constitution Island. Life of John Lamb, p. 210. (A)
- 1778, December 2.** Copy of a letter of Brigadier-General Duportail regarding number of cannon necessary at West Point (110). (Copied from State

- Department MS. by Capt. H. M. Reeve, U. S. Army.) (A)
- 1778, December 5.** Letter from Governor Clinton to Colonel Malcolm, in which he regrets that Colonel Malcolm is to be superseded. Pub. Papers of George Clinton, vol. 4, p. 353. (A)
- 1778, December 10.** Letter from W. Malcolm to Governor Clinton. Pub. Papers of George Clinton, vol. 4, p. 363. (A)
- 1778, December 17.** Lieutenant-Colonel Gouvion to inspect the works and buildings at West Point; to consider what plans the British would follow to capture the post; plans for its defense by our troops; (the east face of Fort Arnold is unfinished); to make drawings of all the works; by order of General McDougall. McDougall MSS. (A)
- 1778, December 21.** A fatigue party to work every day until the laboratory is put into good order. McDougall MSS. (A)
- 1778, December 28.** The chain is safe and can be easily taken up when the cold abates; the boom lies where it was and will be taken up. Colonel Malcolm in command of the post. Letter of Kosciuszko *in* McDougall MSS. (A)
- 1778, December.** One brigade at West Point. Sparks: Washington, p. 283. (A)
- 1778** There was a block house during the Revolution on the site of the Kinsley House (1903). Colton's Guide to West Point, p. 46. (A)
- Col. Aaron Burr commanded the post of West Point during a part of the winter. See Parton's *Life of Burr*, 1861, pp. 109-110. (A)
- Townsend (Peter): On the iron chain made during the war of the Revolution for the defense of the Hudson at West Point. MS., 1 v., Q. (A)
- Description of the chain across the Hudson; of its transportation and floatation. The chain was taken up in 1783. Eager's *History of Orange County, N. Y.*, pp. 566, 572. (A)
- 1778-79.** Troops in the Highlands commanded by Gen. Samuel Holden Parsons. *Mag. Amer. Hist.*, 1888, p. 287. (A)
- 1778-1780.** Benedict Arnold's oath of allegiance to the United State of America—facsimile. Lodge's *Story of the Revolution*, vol. 1, p. 304. (A)
- 1778-1782.** McDougall, Maj. Gen. Alexander. Documents relating to West Point, 1778 to 1782 (copied by Major Boynton), 1 v., F. MS., pp. 67. (A)
- 1778-1783.** Many letters in the Public Papers of George Clinton, published by the State of New York. (A)
- 1779, January 2.** Colonel Kosciuszko reports that 300 links of the great chain are now on shore, with about 100 of the small chain. McDougall MSS. (A)
- 1779, January.** *In re* Colonel Malcolm's relief from West Point by General McDougall. *In* Coll. N. Y. Hist. Soc., 1873, p. 290. (A)
- 1779, February 24.** A barrack 200 feet long is building. McDougall MSS. (A)
- 1779, March 18.** The chain is not yet extended. McDougall MSS. (A)
- 1779, March 26 to June 25.** The Eighth Massachusetts Regiment (battalion) of Foot stationed at West Point. (Col. J. Wesson; Caleb Clap, lieutenant and adjutant.) See MS. return belonging to the Pocumtuc Valley Memorial Association, Deerfield, Mass., copied 1902.
- 1779, March 26, to 1782, May 1.** Monthly and weekly returns of Col. John Lamb's regiment of artillery; also, weekly returns of the New York Corps of Artillery, commanded by Maj. S. Bauman at West Point Oct. 31 to Dec. 15, 1783. MS. in N. Y. Hist. Soc.
- 1779, March 28.** The chain is to be put down in about ten days. McDougall MSS. (A)
- 1779, March 30.** The pay of a soldier is \$7 per month. McDougall MSS. (A)
- 1779, April 17.** General McDougall's detailed instructions to Colonel Kosciuszko respecting the works at West Point. Fort Arnold to be strengthened; its east parapet to be 16 feet thick; the block house on Rock Hill to be made bombproof and to be enclosed in a redoubt; the water batteries and certain others to be palisaded in the rear. McDougall MSS. (A)
- 1779, May 16.** Col. John Bailey, commanding the post. McDougall MSS. (A)
- 1779, May 21.** Brigadier-General Parsons in command at this date. *Life of John Lamb*, p. 220. (A)
- 1779, May 31.** Letter from Governor Clinton to General McDougall, making preparations for meeting the enemy at West Point, etc. If the enemy appear in force, 3 guns are to be fired at West Point, then 3 from New Windsor, and 3 from Fishkill. Pub. Papers of George Clinton, vol. 4, p. 866. (A)
- 1779, June 1.** Two Carolina regiments and the Ulster County militia ordered to West Point. Gen. Samuel Holden

- Parsons is in command of that post, July 17, 1779, two brigades at West Point (1,461 enlisted men). McDougall's MSS. (A)
- 1779, June 5.** A return of a detachment of Colonel Allison's regiment, ordered to West Point, dated June 5, 1779. Pub. Papers of George Clinton, vol. 5, p. 37. (A)
- 1779, June 7.** Letter from Governor Clinton to General McDougall, relative to military dispositions near West Point. Pub. Papers of George Clinton, vol. 5, p. 61. (A)
- Letter from General McDougall to Governor Clinton, enclosing letter from General Washington, requesting a meeting at West Point next morning. Pub. Papers of George Clinton, vol. 5, p. 49. (A)
- 1779, June 9.** Letter of General Patterson respecting the capture of Stony Point by the British. Map of West Point by a deserter. Garrison of West Point is 7 regiments from Massachusetts and 2 from North Carolina, besides militia. They are working night and day to strengthen the works. *In* Coll. N. Y. Hist. Soc., 1875, p. 73. (A)
- 1779, June 10.** Disposition of the troops to defend the Hudson. Thatcher's Journal, p. 197. (A)
- 1779, June 22.** General Washington and General Heath come to West Point; the latter took command (June 23) of the troops on the east side of the Hudson; the advanced posts were near Peekskill. Heath's Memoirs, p. 204. (A)
- 1779, June 23.** General McDougall assumes command of the post, the garrison consisting of Larned's, Patterson's, and the Carolina brigades; Nixon's brigade occupied Constitution Island. The works at Fort Putnam were completed during the summer, 2,500 men working. Boynton's History of West Point, pp. 81-82. (A)
- 1779, June 29.** Gen. John Lamb placed in command of the artillery at West Point. Lieutenant Burbeck's company ordered to report there. Life of John Lamb, p. 223. (A)
- 1779, July 2 to July 30.** Return of the Eighth Massachusetts regiment, commanded by Col. James Wesson (Caleb Clap, adjutant). [In the same volume]: Return of the Ninth Massachusetts regiment, commanded by James Wesson, esq., Aug. 6 to Aug. 27, 1779 (Caleb Clap, adjutant). MS. 1 v. F., belonging to the P. V. M. A., Deerfield, Mass.
- 1779, July 16.** Wayne captures forts at Stony Point. Life of General Hull, p. 159 (with map). (A)
- 1779, July 18.** General Washington's headquarters at West Point. [At this time the more important works were completed.] Irving's Washington, vol. 3, pp. 508, 516. (A)
- 1779, July 19.** Major Hull ordered to West Point and his detachment built a fort. Life of General Hull, p. 153.
- 1779, July 20.** General Washington writes to General St. Clair to examine the long hill in front of Fort Putnam with reference to fortifying it; its possession is essential to the safety of the post. St. Clair Papers, vol. 1, p. 478. (A)
- 1779, July 23.** Gen. William Irvine, at West Point, writes respecting the Invalid Corps, Sept. 15 (writes Sept. 17). Life of President Reed, vol. 2, pp. 117, 129. (A)
- 1779, July 25 to November 28.** Washington's headquarters at West Point. General Heath in command after November, 1779. (C)
- 1779, July 26.** Letter of General Patterson giving the British account of the capture of Stony Point by General Wayne, *in* Coll. N. Y. Hist. Soc., 1875, p. 95. (A)
- 1779, July 27.** Baron Steuben's report on the American Army, Stony Point, West Point, etc. Kapp's Life of Steuben, pp. 232-235. (A)
- 1779, July .** Washington writes from West Point to President Reed on July 29, Aug. 22. Life of Reed, vol. 2, p. 122. (A)
- 1779, August 13.** General Washington at West Point. Life of John Lamb, p. 225. (A)
- 1779, August 20.** General McDougall, H. Knox, and Du Portail report on the defenses of West Point to General Washington; they think the water batteries east of Fort Arnold of small importance and recommend a battery northeast of it to defend the chain, and one southeast of it [Battery Knox]. They estimate the cannon required for each work—106 in all. McDougall MSS. (A)
- 1779, September 3, to 1780, July 28.** Return of the Ninth Massachusetts regiment, commanded by Col. James Wesson (Caleb Clap, adjutant). MS. 1 v., belonging to the P. V. M. A., Deerfield, Mass. (Presented by Maj. T. W. Ripley.)
- 1779, September 3, to 1781, December 28.** Return of the Second Massachusetts regiment of foot (Col. J. Bailey), dated: West Point, Sept. 3, 1779, to July 28, 1780; Verplanck's Point, Aug. 4; Orangetown, Aug. 10;

Teneck, Aug. 25, Teneck, Sept. 1; Steenrapic, Sept. 8, 15; Orangetown, Sept. 22, 29, Oct. 6; Totoway, Oct. 13, 20, 27, Nov. 3, 10, 17, 24; West Point, Dec. 2, 1780, to Jan. 5, 1781; York huts, Jan. 12, 19, 26, Feb. 2, 9, 16, 23, Mar. 2, 9, 16, 23, 30, Apr. 6, 13, 19, 27, May 4, 11, 17, 25; West Point, June 2, 11, 1781; Peekskill, June 24 (51 men left at West Point), June 29; Philipsboro, July 7, 2 July 13; Dobbs Ferry, July 20, 27, Aug. 3, 10, 17; Peekskill, Aug. 24, 31, Sept. 7; Continental Village, Sept. 14; West Point, Sept. 21 to Dec. 28, 1781. MS. Return, 1 v. in Library U.S.M.A. (A)

1779, September 4. Inspection return of the Second Massachusetts regiment of foot, dated West Point; 235 rank and file present for duty; 308 muskets, 300 bayonets, 10,759 cartridges on hand. Coats, 186 good, 70 needing repair, 20 deficient; breeches, 40 good, 50 needing repair, 186 deficient; shoes, 137 good, 49 needing repair, 366 deficient; blankets, 122 good, 15 needing repair, 130 deficient. MS. Return in Library U.S.M.A. (A)

1779, September 9. Two Massachusetts brigades and Pennsylvania line at West Point; North Carolina brigade at Constitution Island, etc.; Fort Clinton, Fort Putnam, and 7 or 8 redoubts built or building; on the east side of the river the north and middle redoubts, and one "at the gorge of the mountains." Heath's Memoirs, p. 217. (A)

1779, September 16. Visit to West Point—Fort Arnold—Fort Putnam.—*In Guild* (R. A.): Life, Times, and Correspondence of James Manning. Boston, 1864, 1 vol., O., pp. 523.

1779, September 24. General Du Portail reports to General Washington that 2,880 men are needed to garrison the works at West Point and makes a detailed report on the garrison, bomb-proofs, and barracks of each work. McDougall MSS. (A)

1779, September 28. Baron Steuben writes to Benjamin Franklin on the state of discipline of the Army, and sends his Regulations. Kapp's Life of Steuben, p. 236. (A)

1779, September 30. Washington at West Point. Memoirs of Lafayette, vol. 1, p. 304. (A)

1779, October 6. Inspection return of the Second Massachusetts Regiment of foot, 204 rank and file; 223 muskets, 210 bayonets, 6,530 cartridges on hand. Coats, 190 good, 64 needing repair, 27 deficient; breeches, 34 good, 41 needing repair, 203 deficient; shoes, 145 good, 46 needing repair, 371 deficient;

blankets, 116 good, 17 needing repair, 148 deficient. MS. return in Library U. S. M. A. (A)

1779, October 7. Washington at West Point. Life of John Jay, vol. 2, p. 51.

1779, October 8. Inspection return of the Ninth Massachusetts Regiment. (MS. belonging to P. V. M. A., Deerfield, Mass.) Present fit for duty, 182 rank and file; present sick, 20; absent sick, 13; 218 muskets, 174 bayonets, 9,038 cartridges on hand; 169 good coats, 66 needing repair, 27 deficient on hand; 22 good breeches, 26 needing repair, 214 deficient on hand; 4 good hats, 4 needing repair, 254 deficient on hand; 51 good blankets, 88 needing repair, 123 deficient; 85 good shoes, 80 needing repair, 359 deficient. [See Oct. 11, 1779.]

1779, October 11. Deplorable condition of the troops there. [But see Oct. 6 and Nov. 4.] Life of John Lamb, p. 229. (A)

1779, November 4. Inspection return of the Ninth Massachusetts Regiment. (MS. belonging to P. V. M. A., Deerfield, Mass.) Coats, good 127, 98 needing repair, 40 deficient; breeches, good 18, 28 needing repair, 219 deficient; blankets, good 45, 93 needing repair, 127 deficient; shoes, good 38, 91 needing repair, 401 deficient. [See this catalogue Oct. 11, 1779.]

1779, November 6. General McDougall reports to General Washington on the state of the post, the lack of forage, the difficulty of housing the troops, etc. It will soon be time to draw in the chain. Three months' bread must be laid in. McDougall MSS. (A)

1779, November 9. The Massachusetts line garrisons West Point and the posts in the Highlands; General Heath in "command of all the posts and troops on Hudson's River, which General Washington very frequently called the key that locked the communication between the Eastern and Southern States." Heath's Memoirs, p. 224. (A)

1779, December 14. Gen. John Stark at West Point. Memoir of Stark, p. 197. (A)

1779, summer of. Major Bauman had been in command of the artillery at West Point. Life of John Lamb, p. 240. (A)

1779, late autumn. Colonel Hull's detachment returned to West Point. Colonel Hull, adjutant and inspector-general of the army in the Highlands from — to the summer of 1783. Life of General Hull, pp. 171, 206. (A)

1779. General Washington at West Point, Aug. 20, Nov. 12, 18, 23, 1779. Washington Collection, Boston Athenaeum, p. 473.
- General Washington at West Point, Aug. 20, 31; Sept. 29; Nov. 12, 1779. Dates of letters in Athenaeum library, Boston.
- Obstructions of the Hudson (with a view of a chain). Army and Navy of the U. S., sec. vi, p. 93. (A)
- Obstructions—chevaux de frise placed across the Hudson at Pollopell's Island to Murderers Creek near Cornwall Landing. Prisoners of war were confined on the island later during the Revolution.
- 1779 (about). The fort and stone barracks on Constitution Island were erected by Connecticut troops. Park's Sketch of West Point, p. 139. (A)
- 1779? The garrison of West Point consists of 30 men commanded by a major. Life of Arthur Lee, vol. 2, p. 387. (A)
- 1779? Detailed list of quarters at West Point. McDougall MSS. (A)
- 1779 et seq. Lieut. Daniel Niven, Engineers, drew the plans of Fort Putnam, superintended the floating of the great chain across the river, etc. Sketch of his life in Eager's History of Orange County, N. Y., p. 158. (A)
- 1779-1780, winter of. Maj. Gen. John Paterson in command, relieving General McDougall Dec. 6, 1779; distress of the garrison. Life of Paterson, pp. 202-207. (A)
- 1779-1781. Return of the Massachusetts Second Regiment of foot, Sept. 3, 1779, to Dec. 28, 1781 (part of the garrison for many months). MS. 1 v., f°. (A)
- 1779-1783. Fairchild (M. C. D.); Memoirs of Col. Sebastian Bowman . . . with selections from his correspondence. illus. n. p., 1900, 1 v., O., pp. 137. (A) [The MSS. of Col. Bowman are deposited with the N. Y. Hist. Soc.]
- catalogue of MSS. and relics at Washington's headquarters, Newburgh, N. Y. Illustrated Newburgh, 1890, 1 v., O., pp. 104, contains MSS. relating to West Point; description of obstructions in the Hudson, etc. (A)
- The memoirs of Rufus Putnam. Ill. (port.). Boston, 1903. 1 v., O., pp. 460. See pp. 73-75, 200.
- Reboubt Hill east of Garrison Station, Hudson River Railroad, is now [1904] marked by the iron tower on the Sloan estate.
- 177—. A female spy, Miss Moncrieff, prisoner at West Point, made by stealth a plan of the works. Noddi. Old men and Old Times in New York, quoted in Eager's History of Orange County, N. Y., p. 590. (A)
- 177—. Roster of the Massachusetts brigade garrisoning West Point under General McDougall is given on p. 143, of Life of General Paterson. It was composed of the Tenth, Eleventh, Twelfth, and Fourteenth regiments of the Massachusetts line. (A)
- 177—. Rittenber, E. M.; Obstructions to the navigation of Hudson River (in the War of Independence) . . . IV. O., 1860. (Munsell's Histor. Series, No. 5. (A)
- 1780, January 1. Desertion of some soldiers of the Massachusetts line. Thacher's Journal, p. 226. (A)
- 1780, January 9. The north redoubt (east side of the river) on fire till Jan. 10. Hudson frozen over; Jan. 26, a fire in the quartermaster's barrack at West Point and the building destroyed; Brigadier-General Paterson in command there. Feb. 1, the north redoubt again on fire till Feb. 3. Heath's Memoirs, p. 227. See also N. Y. Colonial Docs., vol. 8, p. 786. (A)
- 1780, January 26. Fire in the quartermaster's barrack. The artillery are two or three companies of Crane's and one of Lamb's. Life of General Paterson, p. 207, and N. Y. Colonial Docs., vol. 8, p. 786. (A)
- 1780, February 5. Marshall and Brooks' troops man Fort Arnold, Jackson and Tupper's troops man Fort Putnam, Bailey and Wesson's troops man Fort Wyllis lines and Fort Webb; Colonel Bradford's regiment man the advanced redoubts. In case of alarm Sheppard's regiment is to man two redoubts on the east side of river, Vose's to Constitution Island, thirteenth and fifteenth to reinforce West Point. Life of General Paterson, p. 211. (A)
- Experiments in gunnery tried. Life of General Paterson, p. 209. (A)
- 1780, March 31. Distress of the garrison; discontent of the troops; about 700 men fit for duty; stores exhausted; the Army unpaid and disheartened. Life of General Paterson, pp. 214-218. (A)
- 1780, early in April. Gen. Robert Howe assumes command of West Point and is succeeded by Benedict Arnold Aug. 3. Boynton's History of West Point, p. 86. (A)

- 1780, April.** Col. Benjamin Tupper stretched the chain across the Hudson. Hildreth: *Early Settlers of Ohio*, p. 222. (A)
- 1780, May 19.** The "dark day" in the northern United States. Rept. Sec. War, 1871, p. 682. (A)
- 1780, May 25.** B. Arnold asks for the command of West Point, and receives it early in August; his treason (Sept. 25). Irving, *Washington*, vol. 4, pp. 41, 106, 107. (A)
- 1780, May 29.** The garrison very short of provisions and without rum. Heath's *Memoirs*, p. 239. (A)
- 1780, June 1.** General Washington writes to Gen. Robert Howe: "You will do well to consider the post of West Point as the capital object of your attention and everything else as secondary;" and on June 21: "From the immense importance of the post . . . I wish that you keep your force completed to 2,500 men." Park's *Sketch of West Point*, pp. 22-23. (A)
- 1780, June 10.** General Washington to Brig. Gen. James Clinton, ordering him to return to West Point. Pub. Papers of George Clinton, vol. 5, p. 809. (A)
- 1780, June 16.** Letter from General Howe to Governor Clinton. General Howe strengthens his position at West Point. Pub. Papers of George Clinton, vol. 5, p. 832. (A)
- 1780, June 17.** Letter from Governor Clinton to Col. Udney Hay: urgent orders for re-enforcements for West Point. Pub. Papers of George Clinton, vol. 5, p. 840. (A)
- 1780, June 23.** Detachments from Major Phillip's militia and from Colonel Hathorn's regiment annexed to Colonel Paterson's regiment. Paterson's brigade left West Point July 28. *Life of General Paterson*, pp. 219, 222. (A)
- 1780, middle of June.** Baron Steuben ordered to West Point. Kapp's *Life of Steuben*, p. 278. (A)
- 1780, July 1.** Lieutenant-Colonel Gouvier reports on the work on redoubts 1, 2, 3. Kosciuszko estimates that the work on all the forts requires the labor of 600 men, 160 carpenters, 20 masons, 12 miners, and 10 teams, for sixty days. McDougall Mss. (A)
- 1780, July 3.** General Kosciuszko and Colonel Gouvier estimate that the labor of 500 men for two months is necessary to complete the works at West Point and Constitution Island. Only 200 men are now available for fatigue. McDougall Mss. (A)
- 1780, July to December.** Colonel Lamb's orderly book is owned by the Cayuga County Historical Society, N. Y. Winsor: *Narr. and Crit. Hist. Amer.* [not so owned in 1904. E. S. H.]
- 1780, August 3.** Gen. B. Arnold assumed command. The works mounted 100 guns and had cost \$3,000,000, and three years labor; the garrison was 3,000 men; war stores were concentrated here. (A)
- 1780, August 10 and 22.** Capt. Samuel Holden, of Col. Eben. Thayer's Massachusetts regiment, makes return of effectives at West Point. MS. Archives of Massachusetts; cited in *Massachusetts Soldiers and Sailors, etc.*, vol. 8, p. 113.
- 1780, August 12.** Colonel Lamb in command at West Point. *Life of John Lamb*, p. 248. (A)
- 1780, August 13.** Letter from S. Bauman, major of artillery, to Alexander Hamilton, exposing the defects in administration at West Point, which is "like a wild Tartars' camp under the care of ungovernable, undisciplined militia;" suggests that the commanders are changed too frequently, etc. MS. copied by Capt. H. M. Reeve, U. S. Army, from vol. 2, Hamilton's *Correspondence*, State Dept. Library. (A)
- 1780, August 22.** Washington and Rochambeau visit West Point. Irving's *Washington*, vol. 4, p. 337. (A)
- 1780, August 25.** Letter from Nathaniel Stevens to Governor Clinton, inclosing letter from General Arnold reporting only one day's supply of fresh beef on hand at West Point. Pub. Papers of George Clinton, vol. 6, p. 138-139. (A)
- 1780, August.** Colonel Malcom in command at West Point. Major Villefranche ordered to make the provost prison secure. *Life of John Lamb*, p. 246. (A)
- 1780, August-October.** Nine hundred and forty-five three months' men sent by New Hampshire to reenforce the army at West Point; rolls and orders in Hammond (I. W.): *Rolls relating to [N. H.] soldiers in the Revolutionary War (1887)*, pp. 104-106, 109-165. (A)
- 1780, September 4.** Four hundred men with two companies of artillery at West Point (according to British information). N. Y. Colonial Docs., vol. 8, p. 806. (A)
- 1780, September 15, to 1792, November 20.** Discontent of the Army. Kapp's *Life of Steuben*, pp. 285, 501. (A)

- 1780, September 25.** Alexander Hamilton's account of Arnold's treason. *Life of Hamilton*, vol. 1, p. 263, et seq. (A)
- Colonel Wade in temporary command of West Point. *Irving's Washington*, vol. 4, p. 135. (A)
- Colonel Lamb in command at West Point. *Irving's Washington*, vol. 4, p. 132. (A)
- 1780, September 26.** General Wayne's very rapid march to defend West Point, described in two letters of his *in Pennsylvania in the Revolution*, vol. 2, pp. 287, 288. (A)
- General Greene's order, headquarters, Orangetown, announcing Arnold's treason. *Revolutionary orders of Washington* (Whiting), p. 169. (A)
- General Washington's account of Arnold's treason. *Heath's Memoirs*, p. 253. (A)
- André a prisoner at West Point till Sept. 28. *Irving's Washington*, vol. 4, p. 139. (A)
- 1780, September 27.** General Washington's orders to the officer commanding West Point as to dispositions for the safety of the post. (General McDougall in command at West Point till the arrival of General St. Clair.) *St. Clair Papers*, vol. 1, p. 527. (A)
- 1780, September.** Disposition of the troops in case of attack; estimate of the forces (total 3,086); return of ordnance stores; remarks on the works; proceedings of a council of war, Sept. 6. The foregoing were papers found on Major André; the originals are in the New York State Library. *Boynton's History of West Point*, pp. 110-120. (A)
- Company orderly book of troops at West Point. *See Proc. Mass. Hist. Soc.*, vol. 19, p. 385.
- 1780, September ?.** Description of the works by the Marquis de Chastellux. *Boynton's History of West Point*, p. 153. (A)
- 1780, October 5.** The garrison increased; General McDougall took command till superseded by General St. Clair; Colonel Lamb remained as commandant of the artillery. *Life of John Lamb*, p. 271. (A)
- 1780, October 8 to 16.** General Greene in command of West Point. *Johnson's Life of Greene*, vol. 1, p. 210. (A)
- 1780, October 9.** The New Jersey brigade is to man redoubts 1, 2, 3, 4; New York brigade, Forts Putnam and Webb and Redoubt Wyllis; Stark's brigade, Fort Clinton; two regiments of New Hampshire brigade on Constitution Island; two regiments on east side of river (the garrison 1,500 men). A blockhouse is needed between Redoubts 3 and 4. *Greene (G. W.) : Life of General Greene*, vol. 2, p. 354. (A)
- 1780, October 11.** General Greene with four brigades ordered to garrison West Point and to complete the fortifications. There is not an ounce of flour for the troops. *McDougall MSS.* (A)
- 1780, October 13.** Daniel Carthy is quartermaster of the post; 3,000 men in garrison. *Greene (G. W.) : Life of General Greene*, vol. 2, p. 355. (A)
- 1780, October 16.** General Heath in command of the post. Nov. 5, "the troops are again without bread;" Nov. 14, the great chain taken up for the winter (description of the chain). *Heath's Memoirs*, pp. 257, 262. (A)
- 1780, October 17.** Letter from General Heath to Governor Clinton, advising that he is placed in command at West Point. *Pub. Papers of George Clinton*, vol. 6, p. 302. (A)
- 1780, October.** Wretched condition of the armament and supplies; gun carriages in bad order; no artillery artificers; the works in bad condition; the troops on half allowance of flour; no wood; little forage; lime needed; etc. *Greene (G. W.) : Life of General Greene*, vol. 2, pp. 348-351. (A)
- 1780, November 2.** Letter from General Heath to Governor Clinton, advising that André's coparcener, Joshua Hett Smith, is confined at West Point. *Pub. Papers of George Clinton*, vol. 6, p. 372. (A)
- Court of inquiry held in reference to the conduct of certain officers respecting Arnold's treason. *Revy. Orders of Washington* (Whiting), pp. 138. (A)
- 1780, November 17.** Letter from General Heath to Governor Clinton, advising famine threatened at West Point. *Pub. Papers of George Clinton*, vol. 6, p. 418. (A)
- 1780, November 19.** Court of inquiry held in reference to the conduct of certain officers during Arnold's treason. *Revy. Orders of Washington* (Whiting), p. 145. (A)
- The invalids (veterans?) of the Massachusetts and Connecticut lines arrived at West Point. Nov. 21, General Chastellux and other French officers visit West Point. *Heath's Memoirs*, p. 264. (A)
- 1780, November 30.** The New Jersey brigade left West Point; four Massachusetts brigades arrived; two Connecticut brigades arrived on the east side of the river and all went into win-

- ter quarters. Dec. 6, Washington in winter quarters at New Windsor. He visited West Point Dec. 6. Heath's *Memoirs*, pp. 265-266. (A)
- 1780, November 30.** Four Massachusetts brigades went into winter quarters at West Point. The Fourth Brigade was to defend Fort Clinton; the Second, Forts Putnam, Wyllis, and Webb; General Paterson (Third Brigade) in command at West Point during the winter 1780-81. *Life of General Paterson*, pp. 230-231. (A)
- 1780, December 1.** Distress of the soldiers of the garrison: on half allowance of bread; entirely without rum; exposed to storms under canvas cover. Thacher's *Journal*, p. 291. (A)
- 1780, December 3.** General Heath's orders for the distribution of troops—one Connecticut regiment to north redoubt; one to middle redoubt; one to Constitution Island; Fourth Massachusetts Brigade to Fort Clinton; second ditto to Forts Putnam, Wyllis, and Webb, etc. *Revy. Orders of Washington* (Whiting), p. 144. (A)
- 1780, December 10.** Officers to have a week's allowance of rum, and men one gill daily. *Revy. Orders of Washington* (Whiting), p. 146. (A)
- 1780, December 24.** Court-martial order: Court of Inquiry dissolved. *Revy. Orders of Washington* (Whiting), pp. 160, 161. (A)
- 1780, December 27.** Masonic celebration at Starkean Hall, West Point. Dec. 28, Washington visited the post. Heath's *Memoirs*, p. 268. (A)
- 1780, December.** Return of the Ninth Massachusetts Regiment. (MS. belonging to P. V. M. A., Deerfield, Mass.) dated West Point from Dec. 2 to Dec. 29, 1780.
- 1780.** New Hampshire troops serving at West Point. Hammond (I. W.); *Rolls relating to [N. H.] soldiers in the Revolutionary war (1887)*, p. 58. (A)
- Medal struck by order of Congress Nov. 3 for presentation to the captors of André. Obverse: "Fidelity;" an ornamented heart-shaped shield. Reverse: "Vincit Amor Patrie;" a wreath. Silver. Elliptical, 27 by 36. *Amer. Jour. Numis.*, vol. 26, p. 21.
- Description of the fortress; its importance; Arnold's treason. André's capture and death. Sargent: *Life of André*, pp. 254 et seq. (A)
- Leake, I. Q.: . . . Life and times of Gen. John Lamb, who commanded . . . at West Point at the time of Arnold's defection . . . 1 v. 8°. 1850. (A)
- 1780.** André and Smith papers, MSS., 155 to 162, at Washington's headquarters, Newburgh, N. Y.
- Twelve MSS. found in Major André's boots Sept. 23, 1780, containing detailed information concerning the fortifications of West Point, etc. The original MSS. are in the State library, Albany, N. Y. [MS. No. 1853], and are printed in Lossing's *Fieldbook of the Revolution*, II, pp. 153-156, and elsewhere.
- Romance of American History: No. I, The Charter, a tale of Connecticut; The Democratic Review, February, 1838. No. II, West Point, a tale of treason [Arnold's treason]: *ibid.*, November, 1838, p. 235. No. II, same, concluded: *ibid.*, December, 1838, p. 339. (A)
- The life and career of Maj. John André . . . by Winthrop Sargent; new edition edited by William Abbott. N. Y., 1902, 1 vol., 8°, p. 545. (A)
- 1780.** Sparks (Jared): The Life and Treason of Benedict Arnold. New York, 1848, 1 vol., 8°, pp. 335. (A)
- 1780-81, winter of.** The south barracks at Fort Clinton were burned during the winter, and also the log parapet of north redoubt.
- The sappers and miners were a part of the garrison. Mem. to General Greene, dated headquarters Tappan, Oct. 8, 1780.
- 1781, January 3.** Massachusetts brigade is now in comfortable winter quarters and tolerably supplied with everything except money. Thacher's *Journal*, p. 295. (A)
- 1781, January 5.** Congress passes a resolution that British prisoners in our hands shall receive the same treatment as Americans receive in British prisons. *Mass. Hist. Coll.*, vol. 2, p. 202. [The old provost prison at West Point was a retaliatory prison.] (A)
- 1781, January 11.** Washington held a council of war at West Point; Lafayette visited the post Jan. 13, and with Washington again on Jan. 22. Heath's *Memoirs*, pp. 270, 271. (A)
- 1781, January 24.** Court-martial held. *Revy. Orders of Washington* (Whiting), p. 169. (A)
- 1781, January 30.** Thanks of commanding general to Major-General Howes and to officers and men under his command for suppressing mutiny in part of the New Jersey line, with remarks upon the subject. North Redoubt MS. West Point, 1781. (A)
- 1781, February 14.** Bounty of \$24 per man, in specie, given to Massa-

- chusetts soldiers at West Point. Thacher's Journal, p. 306. (A)
- 1781, March 6 and 7.** Colonel Van Schaak's regiment of the New York line arrived at West Point from Albany; the troops were at this time well supplied with provisions. Apr. 4, General Washington visited "the Point." Heath's Memoirs, p. 275. (A)
- 1781, April 10.** "The great chain was hauled from off the beach near the red house at West Point" by about 280 men; and the next day fixed in position. Apr. 26, General Washington visited the post; provisions were very scarce, the reserve stores being nearly exhausted. Heath's Memoirs, pp. 281-282. (A)
- 1781, April.** Troops vaccinated. Thacher's Journal, p. 308. (A)
- 1781, May 9.** Washington visited the post. Heath's Memoirs, p. 287. (A)
- 1781, May 11.** General Paterson at West Point, in command; roster of his brigade, p. 235; left West Point in June. Life of General Paterson, pp. 233, 240, 242. (A)
- 1781, June 13.** The Corps of Invalids to be marched to West Point and stationed there at the request of General Washington. Journals of Congress, vol. 7, pp. 98-99. (A)
- 1781, June 20.** The Invalids and a few others left in the garrison; the other troops go to Peekskill. Thacher's Journal, p. 316. (A)
- 1781, August 10.** Washington ordered the First New York and Hazen's regiment from West Point. "The Invalids having got in both from Philadelphia and Boston and more militia," West Point is secure. Washington's Diary in Mag. Amer. Hist., vol. 20 (1888), p. 60. (A)
- 1781, August 19.** General Heath placed in command of all the troops remaining in "this department," including the Corps of Invalids. "The security of West Point" is to be his first object. Sept. 11, the Eighth Massachusetts Regiment ordered to West Point; Oct. 23, the Army was short of flour. Heath's Memoirs, p. 298. (A)
- 1781, August, September, October.** General Paterson in command at West Point; Paterson's brigade moved there Sept. 19, 1781; the new provost prison not yet finished, Nov. 23, 1781. Life of General Paterson, p. 245. (A)
- 1781, October 31.** The capture of Cornwallis's army was celebrated by a review, etc.; Dec. 20, the Tenth Massachusetts Regiment arrived at West Point; Dec. 23, the Connecticut line encamp back of Constitution Island; Dec. 28, the First Massachusetts Brigade encamp back of West Point. Heath's Memoirs, pp. 320, 324. (A)
- 1781, November 17.** A number of the Invalid Corps on duty at West Point; they are in extreme need of clothing. McDougall MSS. (A)
- 1781, December 14.** Capt. D. Niven, engineers, gives an estimate for building a hospital at West Point; 50,000 shingles, etc. The hospital to be two stories, 12 and 9 feet high, depth 20 or 22 feet, rooms 18 feet long (Jan. 13, 1782). McDougall MSS. (A)
- 1781, December.** The "North Redoubt" (on a low hill on the east side of the Hudson) commanded by Major Lillie. Pierce (E. L.); Maj. John Lillie, p. 122. (A)
- General McDougall in command of West Point. Life of John Paterson, p. 269. (A)
- 1781.** Orderly book of Sergt. Leonard Broome, of Captain Simand's company of the Fourth Regiment [Battalion], commanded by Col. Thomas Proctor. 1 vol., MS., obl. O. [Simands=Simmons? is not mentioned in the roster of Hamersly, p. 2; this company was stationed in the "North Redoubt," 1781.] (A)
- Proposals made to the noncommissioned officers and men of the Pennsylvania line at Princeton Jan. 7, 1781, concerning redress of grievances by His Excellency Joseph Reed, esq., President, and Brigadier-General Potter, of the Council of Pennsylvania. North Redoubt MS., West Point, 1781. (A)
- Ration returns; weekly, monthly returns; clothing accounts and rolls of Captain Simand's company of the Fourth Regiment of Artillery stationed at the Middle and North Redoubts. North Redoubt MS., West Point, N. Y., 1781. (A)
- Roll giving names of men in Captain Simmonds' artillery company—6 sergeants, 4 corporals, 4 bombardiers, 4 gunners, 1 drummer and 1 fifer, and 22 matrosses. North Redoubt MS., West Point, 1781. (A)
- Frontier and West Point men, 1781. New Hampshire State Papers, vol. 16, p. 249.
- 1782, January 4.** General McDougall, commanding, is ordered to discontinue the firing of a morning and evening gun to save powder, according to General Washington's instructions. McDougall MSS. (A) See 1795, Nov. 7 and 1800, June 27.
- 1782, January 13.** Major Villefranche, Engineers, reports on the pow-

der magazines: A general magazine outside of Fort Clinton; none within it. Fort Putnam, Fort Wyllis, North Redoubt, South Redoubt, have powder magazines; Fort Webb, Redoubts Nos. 1, 2, 3, 4, 5, 6, 7, have none; Forts 5, 6, 7 are on Constitution Island. McDougall MSS. (A)

1782, January 14. Detailed report by Major Ville Franche of the work to be done to make the forts conform to General Washington's plans and those of General Du Portail. The old Fort Clinton should be demolished, the new one completed; Fort Putnam completed; Fort Webb is abandoned. McDougall MSS. (A)

1782, January 18. General Paterson in command of West Point. Previous to Jan. 18 the troops were disposed: Forts Nos. 1 and 2, Second Massachusetts Regiment; Nos. 3 and 4, Fifth Massachusetts; Forts Putnam and Wyllis, Eighth Massachusetts; First Brigade in reserve; Corps of Sappers and Miners, Artillery, etc., in Fort Clinton; smallpox at the post. Captain Larned, of the Fourth Massachusetts, at Verplanks, and Captain Pierce, of the Eighth, at Stony Point. Life of General Paterson, pp. 248-249. (A)

1782, February 5. Fourteenth Massachusetts Regiment assigned to Redoubts 1 and 2; Seventh, to 3 and 4; Fourth, along the road from 2 to 3; Eighth, Forts Putnam, Wyllis, and Webb; Fifth in reserve. Life of John Paterson, p. 254. (A)

1782, March 21. A duel fought with pistols, at ten feet, between Captain — and Lieutenant —. The Captain was killed. Washington visited the post Apr. 6 and reviewed the First Massachusetts Brigade. His salute was 13 guns. Apr. 9 he reviewed the Third Massachusetts Brigade and the Tenth Regiment [at West Point?]. Heath's Memoirs, p. 331, 333. (A)

1782, April 29. Troops at West Point, First and Second Massachusetts brigades and Third Regiment of Artillery (Boynton's General Orders of George Washington, issued at Newburgh, 1782 and 1783, p. 12), Tenth Massachusetts, Sappers and Miners and Corps of Invalids; commander, Maj. Gen. Henry Knox (*ibid.*, 37). At this time soldiers at West Point were employed as blowers, colliers, time fusers, artificers (*ibid.*, 39) in the "Public Armory" there.

— West Point was garrisoned by the First and Second Massachusetts brigades and the Third Regiment of Artillery. General Knox placed in command of the post. Boynton's General

Orders of Washington, issued at Newburgh, p. 12. (A)

1782, May 6. Mutiny of the troops of the Connecticut Line on the Hudson. Thacher's Journal, p. 372. (A)

1782, May 12. General court-martial order. Revy. Orders of Washington (Whiting), p. 197. (A)

1782, May 17. Washington to Robert Morris: "West Point has hardly a barrel of salt provisions; it could not stand a siege of three days." Writings of Geo. Washington, vol. 10, p. 21. (A)

— Garrison orders regarding unauthorized horses. Revy. Orders of Washington (Whiting), p. 201. (A)

1782, May 28. Orders respecting the celebration of the birth of a Dauphin of France. Revy. Orders of Washington (Whiting), pp. 208-210. (A)

1782, May 31. The garrison consisted of First, Second, and Third Massachusetts brigades, Tenth Massachusetts Regiment, First and Second Connecticut brigades. Boynton's History of West Point, p. 159. (A)

— Description of the celebration in honor of the birth of the Dauphin of France. Life of John Peterson, p. 268; Thacher's Journal, p. 372; Heath's Memoirs, p. 346. (A)

1782, June 1. Muster orders: The Corps of Invalids will be mustered June 23. Revy. Orders of Washington (Whiting), p. 213. (A)

1782, June 17. Service stripes instituted for enlisted men U. S. Army. Revy. Orders of Washington (Whiting), pp. 220, 230. (A)

1782, July 4. Salute of 13 guns fired. Thacher's Journal, p. 375. (A)

1782, August 4. Thirty prisoners escaped from the provost prison. Revy. Orders of Washington (Whiting), p. 246. (A)

1782, August 12. A stone magazine to contain 1,000 barrels of powder begun on Constitution Island under the direction of Major Villefranche. Heath's Memoirs, p. 351. (A)

1782, August 23. Muster-roll of the Fourth Massachusetts Regiment dated as above, signed by Col. William Shepard. MS.

1782, August 24. General Knox placed in command; the sappers and miners formed part of the garrison; also the corps of invalids. General Orders, headquarters, Newburgh, Aug. 24, 1782. Revy. Orders of Washington, p. 240. They remained at West Point till the Army was disbanded, 1783.

- 1782, August 24.** Major-General Knox appointed to command West Point Garrison; the artillery, sappers, and miners, Tenth Massachusetts Regiment, and corps of invalids. Heath's Memoirs, p. 351. (A)
- 1782, August 28.** General court-martial order respecting Major-General McDougall (acquitted). [Controversy with General Heath.] Revy. Orders of Washington (Whiting), p. 245. (A)
- 1782, August 29.** Knox assigned to command West Point; instructions how to make the post secure. Writings of Geo. Washington, vol. 10, p. 72. (A)
- 1782.** Letter from General Heath of May 8, 1782, respecting persons confined in the old provost prison at West Point. See MSS. 114 and 133 at Washington's headquarters, Newburgh, N. Y.
- 1782-83, winter of.** The garrison consisted of a few troops only. Life of John Paterson, p. 300. (A)
- 1783, March 10.** Duel between Captain H—— and Lieutenant S——, of the First Massachusetts Regiment. Thacher's Journal, p. 369. (A)
- 1783, March 22.** A packet boat will leave Newburgh daily at 10 a. m. for West Point, leaving West Point at 4 p. m.; March 28, and subsequently, the boat will leave at 9.30 a. m. and stop at New Windsor. Orderly Book First New York Regiment, headquarters Newburgh. MS. (A)
- 1783, April 15.** The Society of the Cincinnati organized at West Point. Brooks: Henry Knox, p. 175 (organized at the cantonments near Newburgh. Asa Bird Gardiner, Memoir of Burbeck, p. 41. (A)
- 1783, April 17.** A packet boat will leave West Point at 10 a. m. and Newburgh at 5 p. m. Orderly Book First New York Regiment, headquarters Newburgh. MS. (A)
- Colonel Lamb's regiment of artillery, the corps of sappers and miners, and "Colonel Swift's" regiment of invalids to be inspected April 28. Orderly Book First New York Regiment, headquarters Newburgh. MS. (A)
- 1783, May 1.** Alexander Hamilton reports on the reduction of the corps of invalids. Life of Hamilton, vol. 2, p. 188. (See *ibid.*, vol. 5, p. 328.) (A)
- 1783, May 22.** Description of the chain across the Hudson. Life of T. Pickering, vol. 1, p. 470; also vol. 3, p. 147. (From Lossing: Field Book of the Revolution, vol. 1, p. 706.) (A)
- 1783, June 4.** Capt. David Bushnell in command of sappers and miners at West Point. Army and Navy of the U. S., sec. 6, p. 93. (A)
- 1783, June 11.** Headquarters Third Regiment Artillerists and Engineers at West Point. Mag. Amer. Hist., vol. 9, p. 255. (A)
- 1783, June 23.** Two brigades arrived this day. General Paterson's is encamped on the plain about the "Red House;" . . . the New Hampshire troops are to go to Constitution Island. General Knox in command of the post. Life of John Paterson, p. 295. (A)
- "The Massachusetts regiments marched to West Point." Heath's Memoirs, p. 385. (A)
- 1783, August 27.** Preparations to celebrate the treaty of peace; 20,000 lamps, etc. Life of T. Pickering, vol. 1, p. 476. (A)
- 1783, September 25.** Memorial of Stephen Moore, owner of 1,100 acres of land on which are the fortifications and barracks of West Point, asking payment for damages and arrears. Order to assess the damages, etc. Journals of Congress, vol. 8, pp. 279-280. (A)
- 1783, November 12.** General Knox at West Point; the garrison to be one regiment; answer to Washington's farewell orders. Life of T. Pickering, vol. 1, pp. 483, 486, 488. (A)
- 1783, November 25.** American troops from West Point took possession of New York City. Beauman's Memoirs, p. 25. (A)
- 1783, about November 25.** Washington at West Point. Sparks: Washington, p. 370. (A)
- 1783, December 20.** Washington's life guard mustered out at Constitution Island. History and roster of Life Guard.
- 1783-84, winters of.** Colonel Hull in command of the regiment of infantry at West Point. Life of General Hull, p. 211. (A)
- 1784, January 3.** The garrison is composed of Gen. Henry Jackson's regiment (about 500 strong) and 120 artillerymen. This was the entire Army of the United States. General Knox in command at West Point. Brooks: Henry Knox, p. 186. (A)
- Letter from General Knox to the President of Congress, copied from State Department MSS, by Capt. H. M. Reeve, U. S. Army (refers to the dispersion of the troops at West Point to various stations; infantry and artillery will be retained there; an arsenal of arms established there; powder magazines put in order; incloses returns of war-like stores; many of the cannon

are trophies; about 20 men in hospital; about 100 Canadian refugees there are drawing rations. The returns show the force at West Point to be General Jackson's regiment—infantry, 599; Corps of Invalids, 38; artillery, 136. There are 201 cannon fit for service). (A)

1784, January 4. The garrison was as follows: Jackson's regiment, 35 officers, 564 men; Corps of Invalids, 8 officers, 30 men; artillery, 11 officers, 25 men. Report of General Knox to Congress. (A)

1784, May. The Army of the United States consisted of 80 enlisted men—artillerists—of whom 55 were stationed at West Point. This organization was originally Alexander Hamilton's battery, raised in 1776, and became, subsequently, Light Battery F, Fourth Artillery, and is now Eighth Light Battery, Artillery Corps. Army and Navy of the U. S., vol. 1, p. 7. (A)

1784, October 31. Bvt. Maj. L. Doughty, captain of artillery, in command of the post.

1784-1790. Letter books (of the quartermaster's and ordnance stores; military stores). No. 1, 1784-1786; No. 2, 1786-1790. 2 pam., F. MS. (A)

1785, last of January. General Knox turns over the command of West Point to Maj. George Fleming; the redoubts dismantled in 1787; the buildings, barracks, etc., on Constitution Island, were sold in 1788. Boynton's History of West Point, pp. 164-165. (A)

1785. General Knox becomes Secretary of War and relinquishes the command to Captain Fleming. The garrison consists of 12 men [?]. Park's sketch of West Point, p. 31. (A)

1785-1788. Moll Pitcher mentioned in West Point Letter Book No. 1, Sept. 14, 1785, Jan. 13, 1786, and in same, No. 2, Oct. 7, 1786; July 8, Apr. 21, June 12, Aug. 13, 1787; Feb. 14, June 4, Dec. 4, 1788. West Point Letter Book No. 2. MS. (A)

1785-1806. Waste books; quartermaster stores. Waste book, 1785-1794, 1795-1806. 2 pam., F. MS. (A)

1786, July 31. Report of the Secretary of War [Knox] on the expediency of retaining West Point as a military post. The rent of the post is \$437 per year, and its purchase is recommended. (Copied from State Department MSS., by Capt. H. M. Reeve, U. S. Army.) See also Hamilton's Works, vol. 3, p. 82. (A)

— General Knox's report on the value of West Point as a military post, quoted

in Boynton's History of West Point, p. 10. (A)

1786. Mails from Albany arrived in New York once weekly from Nov. 1 to May 1, and three times a week May 1 to Nov. 1. [The mails from West Point were taken to Newburgh.] Beauman's Memoirs, p. 11. (A)

1786-87. Orders, etc., in re Molly Pitcher. Boynton's History of West Point, p. 167. (A)

— West Point Reservation; civil authority over, etc. [Buildings at Constitution Island, Mar. 3, 1788;] West Point Letter Book No. 1. MS. Jan. 31, 1786; same, No. 2, Dec. 8, 1787. (A)

1786-1791. Waste Book No. 2 for Ordnance stores, Oct. 5, 1786, to Sept. 13, 1791. MS. 1 vol., F. (A)

1786-1805. Ordnance Waste Book, No. 2, Oct. 5, 1786-1791, 1 vol., F. MS.; No. 3, 1791-1795, 1 vol., F. MS.; No. 4, 1795-1805, 1 vol., F. MS. (A)

1786-1877. West Point. Laws of Congress relating to West Point and the U. S. Military Academy, from 1786 to 1877. Compiled by Brev. Lieut.-Col. Robert H. Hall . . . 1 vol., O. 94 pp. (A)

1787, April 3. Report to the Secretary at War (Knox), by William Price, on the situation of the wrecks of the frigates burned when the British captured Fort Montgomery (October, 1777). West Point Letter Book No. 2. MS. (A)

1787, July 20. One barrel powder issued to 7 Oneida Indians by order of the Secretary of War; Sept. 8, arms issued to a Huron Indian ditto; cannon and powder issued to the State of Massachusetts, to the State of Georgia, etc., from time to time ditto. Ordnance Waste Book No. 2. (A)

1787, August 13. Captain Burbeck's company of artillery arrived at West Point; there are no artificers in this company. West Point Letter Book No. 2, Aug. 18. MS. (A)

1787, August 15. Captain Burbeck's company remains until Aug. 26, 1789. Captain Burbeck in command of the post for two years. Returned with his company Nov. 20, 1789, and remained till Apr. 5, 1790, in command. Mag. Amer. Hist., vol. 9, p. 256. (A)

1787, September. Guns are mounted in redoubt No. 1, in Fort Putnam, and in the north redoubt. West Point Letter Book No. 2. MS. (A)

1787-1798. "Three battalions of the Corps of Artillerists and Engineers, lately recruited, were assembled in the summer of 1795 at West Point; the First Battalion raised in 1787 was con-

- sidered at that time as detached to Greenville, the headquarters of the Western Army. In the summer of 1799 three companies were detached to the westward and southward, and in the ensuing autumn five others were sent to the sea coast. In 1797 one was stationed at Fort Washington in Rhode Island, and three remain at West Point (Jan. 1, 1798). Three officers, 1 cadet, and 73 men present May, 1798. Orderly Book, Corps of Artillerists and Engineers. (A)
- 1788, June 11.** The height of the wall of Fort Clinton was 25 feet. West Point Letter Book No. 2. MS. (A)
- 1788, November 2.** A vessel chartered to take "the company" to New York. West Point Letter Book No. 2. MS. (A)
- 1788.** The chain at West Point, in Geological Reports of New York, No. 275. (A)
- 1789, May 30.** Captain Burbeck's company and a detachment of General Harmar's regiment (now Third United States Infantry, then First Infantry) were mustered. West Point Letter Book No. 2. MS. (A)
- 1789, September 3.** Serviceable powder on hand: 272 double barrels, 1,087 single barrels, 2,787 half barrels. Ordnance Waste Book No. 2. (A)
- 1789, September 30.** Contract for raising cannon and old iron from the river (from the burned frigates, old booms, etc.). West Point Letter Book No. 2. MS. (A)
- 1789-1838.** See American State Papers, Military Affairs, 1789-1838, 7 vols., F, 1834-1861. Passim. (A)
- 178-.** Townsend, P.: On the iron chain made during the war of the Revolution for the defence of the Hudson at West Point (1845). 1 pam. O. MS. [The description itself fills four pages.] (A)
- 1790, February 3.** The garrison consists of 1 officer (Lieut. John Peirce, of the artillerists and engineers), and 100 men beside the guards. One or two officers with 60 or 70 men expected from Springfield in a few days. West Point Letter Book No. 2. MS. (A)
- 1790, March 30.** At this time the garrison comprised Burbeck's and Savage's companies of artillery and Smith's company of the First Infantry. Mag. Amer. Hist., vol. 9, p. 256. (A)
- 1790, April 5.** Three companies were mustered. Capt. John Smith's First Infantry had 64 enlisted men; a detachment of 18 artillerists under Captain Savage. West Point Letter Book No. 2. MS. (A)
- 1790, April 5.** A detachment of 18 artillerists left at West Point. Ordnance Waste Book No. 2. (A)
- 1790, June 10.** Alexander Hamilton, Secretary of the Treasury, reports in favor of retaining West Point, and refers to his report of July 31, 1786.
- 1790, July 5.** Act of Congress authorizing the President of the United States to purchase a tract of land at West Point. Laws of the U. S., vol. 1, p. 175. (The original of this act was presented to U. S. Military Academy by F. O. Briggs, U. S. Military Academy, 1872, in 1903.) (A)
- 1790.** "Purchase of West Point" \$12,014.41. In War Department records.
- 1791, September 13.** "The Arsenal" at West Point mentioned. Ordnance Waste Book No. 2. (A)
- 1793.** The Hudson (poem), by Faugères (Margaretta V.). In The posthumous works of Ann Eliza Bleecker. N. Y., 1793. 1 vol. O, pp. 358-375; West Point, pp. 367-69. (A)
- 1794, May 9, to 1798, January 1.** List of commissioned officers who have been appointed to the corps of artillerists and engineers (also list of officers of the battalion of artillery, 1787-1794). Orderly Book, pp. ix-xix. (A)
- 1794, December 12.** The old wall of Fort Putman, facing Fort Clinton, taken down and rebuilt by Major Niven. Nine bomb-proof arches were then complete, four incomplete. Amer. State Papers, Military Affairs, vol. 1, p. 104. (A)
- 1794.** Report by Colonel Vincent (Aug. 31) on the condition of the works at West Point. Report of Major Niven (Dec. 12), ditto. Boynton's History of West Point, pp. 168-170. (A)
- 1794-1796.** The forts strengthened at a cost of about \$35,000. (A)
- 1794-1815.** There was expended on the fortifications \$13,030.07. Amer. State Papers, vol. 3, p. 252. (A)
- 1795, May 25.** Weekly return of a detachment of the corps of artillerists and engineers showing three cadets. Orderly Book, Corps of Artillerists and Engineers, 1795. (A)
- 1795, June 14.** All officers and cadets assigned to a provisional battalion of artillerists and engineers. Orderly Book, Corps of Artillerists and Engineers, 1795. (A)
- 1795, June 25.** Organization of four battalions in the regiment of artillerists and engineers, with colors for each. Orderly Book, Corps of Artillerists and Engineers, 1795. (A)
- 1795, July 9.** Sergeants-major elected by ballot of sergeants for each battalion

- of the regiment of artillerists and engineers. Orderly Book, Corps of Artillerists and Engineers, 1795. (A)
- 1795, July 14.** Companies exercised according to Baron Stubens' instructions. Orderly Book, Corps of Artillerists and Engineers, 1795. (A)
- 1795, August 31.** The three battalions of the regiment of artillerists and engineers moved from camp to new barracks completed for their use. Orderly Book, Corps of Artillerists and Engineers, 1795. (A)
- 1795, November 7.** The Secretary of War grants a flag to the garrison, which is received with ceremony. The flag is to float from sunrise to sunset. Morning and evening guns are to be fired. Orderly Book, Corps of Artillerists and Engineers [Apparently the garrison had no flag before this date.] (A)
- 1795, December 7.** Return of powder in magazines—Fort Putnam, 188 barrels; Fort Clinton, 99 barrels; Constitution Island, 1,436 barrels. MS. Ordnance Waste Book, No. 4. (A)
- 1795, December 11.** The New Hampshire building will be fitted for the accommodation of the officers. Orderly Book, Corps of Artillerists and Engineers [New Hampshire troops were at West Point August to October, 1780]. (A)
- 1795.** The First Regiment of Artillerists and Engineers had a band of 20 pieces, supported by the officers and men; its uniform was scarlet coats, dark blue facings, yellow silk epaulettes, helmets with scarlet plumes, black gaiters. MS. Memorandum of William Ward (1902). (A)
- 1795-1796.** Buildings at the post mentioned: Commissary store; Cunningham's; Mr. Garrison's store; ordnance storehouse; Quartermaster's storehouse; old provost; officers' quarters; guardhouse; North's tavern; store "at the south of the garrison;" the barracks, near the center of the parade; military stores; the barn. Orderly Book, Corps of Artillerists and Engineers. (A)
- Orderly Book of the Corps of Artillerists and Engineers at West Point. No. 2. Nov. 1, 1795, to June 6, 1796. MS. 1 vol., F. [From Schuylkill Arsenal.] (A)
- clothing account book, 1795-96. 1 vol., F. MS. (A)
- 1795-1799.** MSS. relating to the Corps of Artillerists and Engineers: Muster and pay rolls; monthly returns; morning reports; garrison orders; court-martial papers; various returns; orderly books, 1-4, 1795-98; waste books; miscellaneous letters and papers. (A)
- 1795 1799.** Clothing account book of the corps of artillerists and engineers at West Point. MS. 128 numbered pages [the volume contains accounts of quartermaster's stores, camp equipage, hospital stores, and arms and accoutrements also]. (A)
- 1795 1812.** Henry Garrison kept a store at West Point; then removed to Phillipstown and became judge of court of common pleas. Court of Inquiry, March, 1816.
- 1796, January 10.** Lieutenant-Colonel Rochefontaine assumes command of the post and three battalions of the corps of artillerists and engineers, relieving Major Tousard. Orderly Book. (A)
- 1796, January 17.** Helmets with plume and cockade to replace hats. Orderly Book, Corps of Artillerists and Engineers. (A)
- 1796, February 21.** A "Federal salute" will be fired on Washington's birthday. Orderly Book, Corps of Artillerists and Engineers. (A)
- Return of ordnance and military stores at West Point. MS. (A)
- 1796, May 16.** The Lieutenant-Colonel Commandant orders that requisitions be made for flour to serve as hair powder for the men. Orderly Book, Corps of Artillerists and Engineers. (A)
- 1796, May 20.** A parapet will be built for field pieces to practice upon. Orderly Book, Corps of Artillerists and Engineers. (A)
- 1796, June 1.** Act of Congress appropriates \$20,000 for the completion of the fortifications, etc. (A)
- 1796, June 2.** Garrison: Second, Third, and Fourth Battalions of the Corps of Artillerists and Engineers and a detachment of infantry. Louis Tousard, commanding. Orderly Book, MS. (A)
- 1796, June 5.** The guard is 1 sergeant, 3 corporals, and 18 men. The guard at "Ft. Putt" will be reduced to 1 corporal and 3 men. Orderly Book, MS. (A)
- 1796, June 25.** The matter of arrests of soldiers of the garrison by civil process for debt considered. (*See* Articles of War and act of Congress May 30, 1796; also resolution of Congress, Dec. 26, 1775.) Orderly Book No. 3, Corps of Artillerists and Engineers. *See also* Nov. 5, 1892. (A)
- 1796, July 4.** Post orders prescribe a salute of 15 guns at sunrise from Fort Putnam, and salutes at noon of 15 guns

- from Fort Putnam and Fort Clinton, and one of 15 guns at sunset from Fort Putnam. Orderly Book, MS. (A)
- 1796, July 7.** Sentinel's posts; No. 1, main guard; No. 2, in front of barracks; No. 3, in Fort Clinton; No. 4, sentry box near North's; No. 5, at the colonnade; No. 6, at the contractor's store; No. 7, hospital; No. 8, sentry box near the right of barracks; No. 9, between the preceding and the colonnade; No. 10, sentry box between the colonnade and North's. Orderly Book No. 3, Corps of Artillerists and Engineers. (A)
- 1796, August 5.** Countersign, "Electricity." Aug. 6; countersign, "Franklin." Orderly Book No. 3, Corps of Artillerists and Engineers. (A)
- 1796, August 6.** Present: 16 officers, 1 cadet, 275 men of the Corps of Artillerists and Engineers. Orderly Book. (2 cadets on furlough.) (A)
- 1796, September 8.** Lieut. Nath. Cudworth, Corps of Artillerists and Engineers, killed by Lieut. Simon Geddes, who was cashiered Sept. 20, 1796. Orderly Book, Corps of Artillerists and Engineers, p. xii. (A)
- 1796, September 14.** "Delivered to Maj. J. J. U. Rivardi for his use on his journey to Detroit by order of Col. Step. Rochefontaine 6 dozen blank musket cartridges, filled; 2 dozen musket balls; 4 flints; 1 tin canteen." Ordnance Waste Book No. 4. (A)
- 1796, October 18.** Countersign for the day, "Astronomy." Countersign July 20, 1797, "Philosophy." Orderly Book No. 3, Artillerists and Engineers. (A)
- 1796, December 26.** Garrison's store not far from the river; the lime house near the landing (near the present north dock?). Orderly Book No. 3, Artillerists and Engineers. (A)
- 1796.** Orderly Book and Quartermaster's Waste Book, Corps of Artillerists and Engineers. Places mentioned: "The bathing place near the military stores;" "the colonnade" in front of camp; the contractor's store; hospital; the battery; the mortar battery; the wood yard; Mr. Garrison's store; lime house; the Red House in Washington's Valley; laboratory; quartermaster's stores. [Mr. Henry Garrison, issuing commissary.] (A)
- 1796-1797.** Orderly Book of the Corps of Artillerists and Engineers at West Point. No. 3, May 28, 1796 to Dec. 31, 1797. MS. 1 vol., F. [From Schuylkill Arsenal.] (A)
- 1796-1805.** Quartermaster's Waste-Book kept at West Point, Sept. 21, 1796, to Aug. 17, 1805. MS. 1 vol., F. (A)
- 1796 1805.** Return of arms and accoutrements received from the Corps of Artillerists and Engineers at West Point from 1st of July to 1st of Oct., 1796, etc., to 1805, 1 vol., F. MS. (A)
- 1797, January 19.** General order, regulations respecting salutes (of cannon) to naval officers prescribed by the Secretary of War. To an Admiral 15 guns, etc. Orderly Book No. 3, Artillerists and Engineers. (A)
- 1797, January 21.** The powder stored at Constitution Island to be removed to the magazine in Fort Clinton. Orderly Book No. 3, Corps of Artillerists and Engineers. (A)
- 1797, January 23, 24, 25, and 26.** Account of powder moved from magazine on Constitution Island to magazine in Fort Clinton [1,000 barrels]. Return of Arms and Accoutrements, 1796-1805. (A)
- 1797, February 20.** Damaged powder, etc., issued. Artillerists to celebrate the President's birthday. Return of Arms and Accoutrements, 1797-1805. (A)
- 1797, February 22.** Washington's birthday celebrated by a salute of 16 guns at daybreak from Fort Putnam, 16 guns from Fort Clinton, and 16 guns from Fort Clinton, and a feu de joie (12 rounds per man) from the garrison, and 16 guns from Fort Putnam at sunset. Each man to have an extra gill of liquor. Orderly Book No. 3, Artillerists and Engineers. (A)
- 1797, March 3.** Issued damaged powder, etc., "for celebrating the installment in office of President of the United States." Return of Arms and Accoutrements, 1797-1805. (A)
- 1797, April 25.** Small pox at the Red House (Washington Valley) and in the garrison (May 1). The men are to be vaccinated. Recruiting instructions given in full (May 27), oath of allegiance (p. 210). Orderly Book No. 3, Artillerists and Engineers. (A)
- 1797, June 20.** Stores issued for use of laboratory of the Corps of Artillerists and Engineers. Return of Arms and Accoutrements, 1797-1805. (A)
- 1797, June 27.** The garrison being weak, the guard will be reduced to 1 sergeant, 1 corporal, and 5 privates. Duties of the guard defined Aug. 6, 1797. Orderly Book No. 3, Artillerists and Engineers. (A)
- 1797, June 29.** Articles issued "for use of the laboratory" on this and other dates. Quartermaster's account book, post of West Point. MS. (A)

- 1797, August 11.** Ordnance detachment at West Point mentioned. Return of Arms and Accoutrements, 1797-1805. (A)
- 1797, September 9.** Ordnance stores shipped from West Point by George Fleming, ordnance and military storekeeper, on board sloop *Federalist*, John Gee, master, to be delivered at Portsmouth, N. H., for use of frigate building there for the Algerines. Return of Arms and Accoutrements, 1797-1805. (A)
- 1797, October 4.** A "wooden fortification" at West Point requires painting. Quartermaster's Stores Waste Book. (It was situated on the grounds now occupied by the professor of civil and military engineering.) (A)
- 1797-1799.** Quartermaster's Waste Book. Corps of Artillerists and Engineers. Jan. 4, 1797, to May 28, 1799. MS. 1 vol., F. [From Schuylkill Arsenal.] (A)
- 1798, January 3.** Melanthon Smith and Henry Wykoff, of New York City, contractors for furnishing provisions to the garrison, 1798. Orderly Book, Corps of Artillerists and Engineers. (A)
- 1798, January 26.** Garrison of the post, three companies of 60 men, Colonel Rochefontaine, commanding. Quartermaster's Waste Book. MS. Nov. 25, 1798, four companies present. (A)
- 1798, April 19.** Lieut. Col. Commdt. Stephen Rochefontaine in command—the water-cure administered to a soldier by order of a regimental court-martial. Army and Navy Journal, Nov. 22, 1902, p. 289. (A)
- 1798, April 22.** A well is to be dug in front of the barracks of the artillerists and engineers (barracks completed Aug. 31, 1795). Garrison Orders. (This well is probably near the southwest corner of the present mortar battery.) (A)
- 1798, July 3.** Record of arms issued to Cadet Cross of the First Regiment of Artillerists and Engineers. Return of Arms and Accoutrements, 1796-1805. (A)
- 1798, July 6.** Cadet Cross detailed as Judge-Advocate of a Garrison Court-martial (and of a General Court, July 31). Orderly Book, Corps of Artillerists and Engineers. (A)
- 1798, August.** Musket, bayonet, etc., issued to Cadet Cross. Quartermaster's Waste Book. MS. (A)
- 1798, October 11.** The flagstaff was in Fort Clinton. Orderly Book, Corps of Artillerists and Engineers. (A)
- 1798-99.** Orderly Book of the Corps of Artillerists and Engineers. Commenced at West Point Jan. 5, 1798 [ends May 15, 1799]. MS. [From the Schuylkill Arsenal.] (A)
- 1799, January 1.** Garrison orders prescribe the exact form for dress parades. The musicians are to beat the assembly on the south side of barracks, outside of the fence. Orderly Book, Corps of Artillerists and Engineers. (A)
- 1799, March 24.** Four companies Corps of Artillerists and Engineers present. Orderly Book. (A)
- 1799, June 5.** Four hundred and four wooden canteens shipped to Gen. Ebenezer Stevens for use of the Twelfth Regiment of Infantry at New York. Return of Arms and Accoutrements, 1796-1805. (A)
- 1800, June 27.** An evening gun fired daily. MS. in frames in library. (A)
- 1801, February to October.** Value of a ration, \$0.155. MS. letter of George Fleming. (A)
- 1801, June 17 to September 22.** Maj. John Lillie, then captain Second United States Artillerists and Engineers in command at West Point (assigned in May). Pierce (E. L.): Maj. John Lillie, 1755-1801, p. 31. (A)
- 1801, September 23.** Lieutenant-colonel commandant Second Regiment Artillerists and Engineers at West Point apparently in command. Pierce (E. L.): Maj. John Lillie, p. 120. (A)
- Copy of a letter from Colonel Tousard to Gen. H. Knox, announcing the death of Maj. John Lillie, who is buried near the monument to Marcus, son of General Knox. U. S. Military Academy Scrap Book, No. 378 E (1904), pp. 30-31. (A)
- 1801, December 19.** The Secretary of War calls on Major Williams for a report on the fortifications at West Point (and other places). War Dept. Military Book No. 1.
- The buildings of the post were: A stone house at the north dock; the "white quarters" of the commandant (Lieutenant Osborn); the artillery mess; the academy, an office near it; south of the academy was the quarters of the military storekeeper (Major Fleming), which had been headquarters; farther south, quarters and a small laboratory; the model yard; Rochefontaine's quarters; cadet barracks; Major Rivardi's quarters; two military stores; east of them the armory and the hospital; Fort Clinton (then dilapidated); Fort Putnam; the "old provost" in ruins on the west edge of Ex-

- ceution Hollow. Swift's Memoirs, pp. 29-30. (A)
- 1802, March 12.** Order of Secretary of War. Two companies for Fort Jay and West Point are to be formed from Barron's, Carmichael's, Deveau's, and late Lillie's companies. War Dept. Military Book No. 1.
- 1802, August 11.** Secretary of War appoints Lieut. R. W. Osborn assistant military agent at West Point. War Dept. Military Book No. 1.
- 1802, September 22.** Secretary of War to Lieutenant Osborn. All the public property in the military store will remain in the care of Captain Fleming. War Dept. Military Book No. 1.
- 1803, January 1.** Troops at West Point, aggregate 82. Amer. State Papers, Military Affairs, vol. 1, p. 786.
- 1803, February 28.** Act of Congress: Nineteen enlisted men of engineers authorized. These men are mentioned in the act of Apr. 29, 1812, forming the company of bombardiers, sappers, and miners. This company was recruited mainly at Norwich, Vt., by Capt. Alden Partridge. (MSS. from Gilbert Thompson.) (A)
- 1803, March 7.** Troops at Fort Jay and West Point: two companies. War Dept. Military Book No. 1.
- 1803, May 6.** Secretary of War to Captain Fleming. There will in future be no more than a sergeant's guard at West Point in addition to the Corps of Engineers. He is to perform the duties of what has heretofore been called the quartermaster's department. Lieutenant Osborn is relieved. War Dept. Military Book, No. 1.
- 1803.** Troops at West Point: Officers, Corps of Engineers, 7; teacher of French, 1; cadets of engineers, 3; privates of engineers, 14; cadets of artillery, 8; noncommissioned officers of artillery, 2; privates of artillery, 8; surgeon's mate, 1; total, 44. [Return dated.] Washington, Feb. 4, 1805. (Amer. State Papers, Military Affairs, vol. 1, p. 175.)
- 1804.** Troops at West Point: Officers of engineers, 7; teacher of French, 1; cadets of engineers, 3; privates of engineers, 16; cadets of artillery, 15; noncommissioned officers of artillery, 2; privates of artillery, 6; surgeon's mate, 1; total, 51. [Return dated.] Washington, Feb. 4, 1805. (Amer. State Papers, Military Affairs, vol. 1, p. 176.)
- 1805, July 19.** Secretary of War asks Colonel Williams for an estimate of cost of a dry stone wall 5 feet high to inclose public ground at West Point. War Dept. Military Book No. 2.
- 1805, August 17.** "Delivered to Maj. William A. Barron of the engineers for the purpose of raising the body of Cadet McKenny, who was drowned in Hudson's River, viz. $\frac{1}{2}$ barrel of damaged powder and 12 empty 12-pounder paper cartridges." Return of arms and accoutrements, 1797-1805. (A)
- 1805.** Fort Putnam partially demolished and rebuilt of stone.
- 1806, about November.** Capt. Alexander Thompson succeeds George Fleming as military agent, quartermaster, at West Point. War Dept. Military Book No. 3.
- 1806, December 23.** House of late widow, Jane Cunningham, on West Point, bought for \$200. War Dept. Military Book No. 3.
- 1806-1813.** Steamboats plying on the Hudson: *Clermont*, 1806; *Car of Neptune*, 1807; *Paragon*, 1807; *Firefly* (packet between New York and Newburgh), 1812; *Washington*, 1813. Colden (C. D.), Life of Robert Fulton, p. 372.
- 1807, February 6.** A house on West Point has been conveyed to the United States by Mr. Garrison. War Dept. Military Book No. 3.
- 1809, May 29.** Sundry companies of troops have been ordered to encamp at West Point. War Dept. Military Book No. 4.
- 1809, August 21.** Captain Estabrook's company at West Point. War Dept. Military Book No. 4.
- 1810, February 2.** Two companies stationed at West Point (Estabrook's company of Light Artillery, 43 men; and ————?). War Dept. Military Book No. 4. (See p. 284.)
- 1810, October 19.** The drilling of the bombardiers on the new system begins to-day. Orderly book, 1815-16. MS. (A)
- 1811, February 12.** Twenty-seven men of the late Captain Estabrook's company of Light Artillery at West Point. War Dept. Military Book No. 5.
- 1812, April 28.** Secretary of War orders Colonel Williams to provide for the storage of 2,000 barrels of gunpowder at West Point. War Dept. Military Book No. 5.
- 1812, July 15.** A new dock is building in the place of the old one [north dock]. Partridge MSS. (A)
- 1812, September 9.** Secretary of War instructs Captain Partridge to maintain a guard of 7 men of the engineers over the public stores. War Dept. Military Book No. 6.

- 1812-1821.** The company of bombardiers, sappers, and miners stationed at West Point for most of this period, was disbanded Mar. 2, 1821, but its band was retained. Boynton's History of West Point, p. 335. (A)
- 1813 1816.** Descriptive lists of recruits in the First Regiment of Artillery, 1813, and account of clothing issued to same. Order Book, Military District No. 1, 1813-1816. (A)
- Order Book of Military District No. 1, Boston, etc., 1813-1816, First Regiment of Artillery. 1 vol., F. MS. (A)
- 1814, April.** Men of the company of bombardiers, sappers, and miners returned to West Point. A company of engineer troops must have been at West Point until after Mar. 2, 1821. (See the act of Congress of that date.) From this date to 1846 there were no enlisted men of engineers. MS. from Gilbert Thompson. (A)
- 1814, June.** The company of bombardiers, sappers, and miners marched to the frontier. Court of Inquiry, Mar., 1816.
- 1814, July 2.** Fifteen hundred barrels of gunpowder to be stored in the magazine at West Point. Partridge MS. (A)
- 1814, August 3.** The citizens of Orange County tender their services to repair the fortifications at West Point; a committee of defense was formed; a subcommittee wishes to inspect the works Aug. 12, and desires Colonel Swift to be present there and then to advise them. Letter of John Duer to J. G. Swift. Swift MSS. (A)
- 1814-1816.** The number of bombardiers in garrison varied from 22 to 90. Court of Inquiry, Mar., 1816.
- 1815, April 1.** A post-office established at West Point. Letter of Postmaster-General, Aug. 14, 1803. (A)
- 1815, June 20.** Barges make trips to Newburgh every Wednesday and Saturday, weather permitting (May 13, 1816), leaving 8 a. m. and returning the same day. Orderly Book company of bombardiers, 1815-16. (A)
- 1815, December 5.** [Newport, R. I.] Non-commissioned officers of the Regiment of Artillery distinguished by badges (chevrons) of yellow silk binding in the herring-bone fashion, the angle pointing to the shoulders and worn on the sleeve above elbow; sergeant-major, quartermaster-sergeant, etc., two badges on each arm; sergeants, one on each arm; corporals, one on right arm. Order Book Military Division No. 1, 1813-1816. (A)
- 1815.** A map of this date shows, among other things: Battery southeast of site of present hotel; old barracks about half way from present hotel to execution hollow; store near present post-office; North's tavern near present headquarters building; new academy, in front of present sally port; new barracks, north of present academy; military storekeeper, near quarters of present professor of engineering; old academy, near quarters of present professor of drawing. (A)
- 1815-1820.** Orderly Book 1815-1817 of Company M, Second Battalion, Corps of Artillery. 1 vol., F. MS. Same, 1817-18. 1 vol., F. MS. Same 1818-1820. 1 vol., F. MS. (A)
- Morning reports 1815-16 of Company M, Second Battalion, Corps of Artillery. 1 vol., F. MS. Same, 1817-18. 1 vol., F. MS. Same, 1818-1820. 1 vol., F. MS. (A)
- 1815-1821.** Roster and register, Company A, Second Artillery, 1815 to 1821. 1 vol., F. MS. 243 pp. (A)
- Company book (muster roll, descriptive list, clothing, etc., monthly returns from November, 1815, to March, 1821) of Company M, Second Battalion, Corps of Artillery, U. S. Army, Fort Griswold, November, 1815; Pittsfield, March, 1816; Boston, September, 1816; Fort George (Castine), November, 1816; Fort McCleary, May, 1817; Fort Constitution, October, 1818; Fort McCleary, January, 1820; Fort Constitution, May, 1820; Fort Columbus, September, 1820; Governors Island 1st October, 1820-March, 1821. 1 vol., F. MS. (A)
- 1816, October 19.** Drilling "on the new system" begins. Orderly Book company of bombardiers 1815-16. (A)
- 1816.** Trophy cannon taken at Stony Point and one taken on Lake Champlain by Commodore Macdonough at West Point; the latter is a 24-pounder. Proceedings general court-martial. MS., p. 30. (A)
- 1817, June 11.** President Monroe is to visit West Point June 12. Letter of William Kemble to Gouverneur Kemble. (A)
- 1817-18.** Morning report: Record of morning reports, Company M, Second Battalion, Corps of Artillery, 1817-18. Capt. T. Bennett's company. [May 1, 1817, to Aug. 8, 1818, at Fort McCleary] Portsmouth, N. H. 1 vol., F. MS. (A)
- Orderly Book, Company M, Second Battalion, Corps of Artillery, 1817-18 at Forts McCleary and Constitution,

- Portsmouth, N. H. Nov. 26, 1817, to Nov. 12, 1818. 1 vol., F. MS. (A)
- 1818, February 20.** Major Thayer sends to Secretary of War a map of West Point drawn by Cadet Whistler. [Map not found.] MS. in O. M. A., A. G. O.
- 1818, October.** Troops at West Point: bombardiers, sappers, and miners, 86. Amer. State Papers, Military Affairs, vol. 1, p. 787.
- 1818.** Morning report: Company M, Second Battalion, Corps of Artillery, U. S. Army. Aug. 11, 1818, to Sept. 30, 1820. 1 vol., F. MS. (A)
- 1818, about.** Major Boynton, adjutant, U. S. Military Academy, writes, Jan. 24, 1868, to Caroline Gilman, a relative of Maj. John Lillie, that the continental soldiers buried at West Point were all moved to the cemetery, 1818, and later General Knox's child was buried, tradition says, near the cadet barracks. MS. See 1801, Sept. 23.
- 1818-1820.** Orderly Book 1818-1820. Company M, Second Artillery. [Nov. 18, 1818, to Mar. 9, 1820, at Fort Constitution, Portsmouth, N. H.] 1 vol., F. MS. (A)
- 1819, January.** Troops at West Point: Total present, 74; privates in arrest, 11; bombardiers, sappers, and miners. (Amer. State Papers, Military Affairs, vol. 1, pp. 814, 815, 817.)
- 1820.** The Hudson between Sandy Hook and Sandy Hill, with the post road between New York and Albany, N. Y. A. T. Goodrich & Co., 1820, 14 pts.
- 1821-1827.** Captain Fanning's company, A, of the Second Artillery, at West Point. Boynton's History of West Point, p. 335. (A)
- 1823, May 28.** Company A, Second Artillery, stationed at West Point. Orderly Book, Corps of Bombardiers, 1815-16. MS. (A)
- 1824.** Wall's Hudson River portfolio. Views from drawings by W. G. Wall, engraved by J. Hill at New York. (1824.) Imp. obl. F, 21 col. pls.
- Company A (Light), Second Regiment Artillery, U. S. Army. Morning reports, 1820-1824. 1 vol. F, foolscap size. MS. (This company was stationed at West Point after Mar., 1824.) (A)
- 1825, September 6.** Office of sutler is abolished. Military Academy Records. MS. (A)
- 1825, November.** Troops at West Point: One company, Second Artillery; 4 officers, 46 men; total, 50. Amer. State Papers, Military Affairs, vol. 3, p. 115.
- 1827, October.** Troops at West Point: One company, Second Artillery; 2 officers, 36 enlisted men present for duty; 4 privates on sick list, etc. Amer. State Papers, Military Affairs, vol. 3, p. 623.
- 1827-1829.** Captain Whiting's company, F, of the Fourth Artillery, at West Point, 1829 (April and August), the artillery detachment, U. S. Military Academy was organized. Boynton's History of West Point, p. 335. (A)
- 1828, November.** Troops at West Point: One company (F), Fourth Artillery, 5 officers, 42 enlisted men; total, 47. Amer. State Papers, Military Affairs, vol. 4, p. 9.
- 1829, November.** Troops at West Point: A "detachment" of 1 officer and 36 men; total, 37. Amer. State Papers, Military Affairs, vol. 4, p. 159.
- 1830, November.** Troops at West Point: A "detachment" of 1 officer and 52 men; total, 53. Amer. State Papers, Military Affairs, vol. 4, p. 592.
- 1830-31.** Two locomotives built at Cold Spring for the S. C. Railroad—the first constructed in the United States for regular railroad business. One was named West Point. Amer. Hist. Record, vol. 1, p. 406. (A)
- 1833.** Finch (L. I.) Travels in the United States, etc.: Visits to West Point, p. 47. (A)
- 1835.** The picturesque beauties of the Hudson River and its vicinity; illustrated in a series of views from original drawings taken expressly for this work and engraved on steel by distinguished artists. With historical and descriptive illustrations by Samuel L. Knapp, esq. New York, F. Disturnell, 1835. 2 vols. Q.
- The Hudson River Guide; containing a description of all the landings and principal places on the Hudson River as far as navigable . . . Map. New York, F. Disturnell, 1835. 18mo. pp. 16. Pl.
- 1835-36.** Letters about the Hudson River and its vicinity written by a citizen of New York [by Freeman Hunt]. New York, 1836. 1 vol. O. pp. 269. (A)
- 1837, July 13.** A decision of the Attorney-General, United States, places the sojourn of civilians at the post within the discretion of the Superintendent. Boynton's History of West Point, p. 220. (A)
- 1837, August 17.** Adjutant-General's Office. General Orders, No. 100, publishes an opinion of the Attorney-Gen-

- eral regarding the authority of the commanding officer over resident citizens, etc. (A)
- 1837.** Hudson River and its vicinity. New York, 1837. 16mo.
- 1837-1846.** Statistical table of diseases of garrison of West Point. Number of deaths, S. 1802-1846, 37 deaths. Mean annual temperature, 50.6°; barometer, 29.731; rainfall, 47.68. App. E., Rept. Board of Visitors, 1847. (A)
- 1837-1899.** Rainfall, 1837-1841, 55.72 inches; 1843-1845, 34.17 inches; 1847-1860, 46.86 inches; 1890-1899, 46.81 inches. MS. data furnished by Doctor Truby, assistant surgeon, U. S. Army. (A)
- 1838.** Sketches of the North River. New York, W. H. Colyer, 1838. 12mo. pp. 119. Map.
- 1839, February 22.** The ice in the river is fast breaking up. MS. letter of Cadet H. W. Halleck. (A)
- 1839.** Land belonging to the United States at West Point. 1839. 1 pam. O bound. 68 pp. Lithogr. (A)
- 1840.** West Point, or a tale of Treason; an historical drama in 3 acts . . . by J. Breck, Baltimore, 1840. 1 vol. 8°.
- The Robinson House; or, Reminiscences of West Point. N. Y. Military Magazine, vol. 1, (1841), pp. 338, 356, 374. (A)
- 1841-1880.** Officers and members of the West Point Army Mess, from 1841 to 1880. 1 pam. O. 1880. (A)
- 1841-1902.** West Point Army Mess, founded Dec. 20, 1841; its history; its first home was at the west end of the old Cadet Mess Hall, where Thayer's monument now stands; in 1850-51 it was in the south end of the present cadet mess; in 1901-2 it was in Quarters Nos. 4 and 6; in 1903 it was in the new Army Mess building. Constitution West Point Army Mess, 1895, p. 14. (A)
- 1844.** Guide book to West Point and vicinity . . . New York, J. H. Colton, 1844. 1 vol. 8°. (A)
- The road from Fort Putnam debouching on the plain near the gymnasium of 1903 was built by Major Delafield in the spring of 1844. Colton's Guide Book, p. 35. (A)
- 1845.** O'Maher (Mary Isabel): Letters from West Point. 1845-1847, 1 vol., F. (foolscap). MS. (A)
- Panoramic view of the Hudson River, from Jersey City . . . to Albany, and down from Albany to New York, 13 feet long. New York, 1845.
- 1846, May 15.** Act of Congress: authorizes a company of engineer troops. Company A or a detachment was stationed at West Point from 1846 to June, 1865, and other companies or detachments ever since that time. MS. of Gilbert Thompson. (A)
- 1846.** Panorama of the Hudson River from New York to Albany. New York, F. Disturnell, 1846. 12mo. pp. 32. Map.
- 1846, about.** Of Fort Clinton nothing remains but the mounds. Eager's History of Orange County, N. Y., p. 584. (A)
- 1846-1848.** The company of sappers, miners, and pontoniers was created by law May 15, 1846, and the recruits assembled at West Point; it left for Mexico Sept. 24, 1846; left the City of Mexico May 23, and arrived at West Point June 22, 1848; its services highly commended in Report Chief of Engineers, 1848, pp. 278-281. (A)
- 1848, June 22.** Company A, battalion of engineers, returned to West Point from Mexico, and remained there till Jan. 18, 1861, when it went to Washington; returning Sept. 30, it left to join the Army of the Potomac Oct. 30, 1861, leaving a small detachment at West Point; Company A returned in 1865, and remained till Sept. 1, 1867, when a new detachment was formed. Company E arrived Mar. 3, 1871. Rept. Supt. U. S. Military Academy, 1896, p. 175. (A)
- 1850.** Traveller's Railroad and Steamboat Guide to the Hudson River, describing the cities, towns, and places of interest along the route. New York, Gaylord Watson (1850). O. pp. 50.
- 1851.** Hudson River and the Hudson River Railroad. New York, Wm. C. Locke & Co. (1851). O. pp. 50. Map.
- Wilson's Illustrated Guide to the Hudson River . . . 12th ed. New York, H. Wilson, Mar. 15, 1851. 18mo. pp. 61, 20.
- 1852.** The Hudson, illustrated with pen and pencil; comprising sketches, local and legendary, of its several places of interest, together with the route to Niagara Falls. New York, T. W. Strong, 1852. Q. pp. 32.
- 1856-57.** Fort Clinton repaired and restored. Letter book Quartermaster U. S. Military Academy, November, 1889, p. 85. (A)
- 1858, October 13.** Company A, Engineer Battalion, arrives from Fort Bridger, having marched 1,100 miles in fifty-eight days. Papers Essayous Club, viii, p. 3.
- 1860, December 1.** Memorandum order of Superintendent U. S. Military

- Academy organizing a light battery of 4 pieces from the Military Academy detachments of dragoons and artillery. Lieutenants Griffin, Piper, Symonds, and Webb; 57 dragoons, 12 artillery men, 1 musician, 69 horses. Orders U. S. Military Academy. (A)
- 1861, January 7.** Orders No. 3, headquarters U. S. Military Academy, directed a light battery to be organized at West Point, and 70 men from the cavalry and artillery detachments joined it. On July 4, at Washington, it became D Battery of the Fifth Artillery. Bush (J. C.): History of the Fifth Artillery, p. 6. (A)
- 1864.** Battle monument—history of the project to the dedication of the site, June 15, 1864. Oration of Major-General McClellan. New York, 1864. 1 pam. O. 39 pp. (A)
- 1865, June.** A company, battalion of engineers, ordered to West Point, where it remained until Aug. 2, 1867, when it was relieved by a detachment of 50 men. Hodges: Roster of Service with Engineer Troops U. S. Army (1885). (A)
- 1866.** Legends and poetry of the Hudson. New York, P. S. Wynkoop & Son, 1866. sq. 16mo. pp. 87.
- Guide to the Hudson River, by railroad and by steamboat. Albany, F. Munsell, 1866. 16mo. p. 56. Colored map.
- 1867, December 14.** West Point reservation. Right of way granted by Congress to Hudson River West Shore Railroad. (C)
- 1867.** Guide to West Point and the U. S. Military Academy. [By E. C. Boynton.] With maps and engravings. New York, Van Nostrand, 1867. 1 vol. O. 105 pp. (A)
- 1868.** West Shore Railroad. Supreme court of New York. V. A. Murdock and W. B. Duncan, etc., v. Hudson River West Shore Railroad Company . . . amended complaint. 1 pam. O. 1868. (A)
- General Orders, Adjutant-General's Office, 52. Act granting right of way across the Government lands at West Point to the Hudson River West Shore Railroad Company. (A)
- General Orders, Adjutant-General's Office, 60. Act to construct a wagon road from West Point to Cornwall Landing, New York. (A)
- 1869.** General Orders, Adjutant-General's Office, 27. Fixes number of enlisted men of ordnance allowed at the U. S. Military Academy. (A)
- 186-.** The Hudson and Northern routes from New York to Montreal. New York, N. Y. News Co., 186-. 16mo. pp. 160.
- 1870, December.** E Company, Battalion of Engineers, ordered from Jefferson Barracks to West Point, where it remained to 1898. In April, 1898, 48 men of E Company ordered to Willets Point, and 60 men of A Company ordered to West Point. In the same year A Company was sent to the Philippines and E Company to Cuba. Hodges: Roster of service with engineer troops and reports Chief of Engineers 1885-1898. (A)
- 1870.** General Orders, 56, Adjutant-General's Office. Secretary of War to transfer 50 captured bronze guns for construction of a monument at West Point. (A)
- General Orders, 122, Adjutant-General's Office. Company E, Battalion of Engineers, to be stationed at the U. S. Military Academy. (A)
- 1872, July.** West Point, with illustrations: in Scribner's Monthly, July, 1872, pp. 257-284. (A)
- 1873, February 28.** Act of Congress: Appropriates \$10,000 for remodeling Battery Knox. (A)
- 1874.** West Point memoranda. 1 pam., O., 8 pp. (A)
- 1875, May 15.** Act of New York legislature ceding jurisdiction to the United States. Ditto, May 25, 1876. See General Orders, Nos. 27 and 62, Headquarters U. S. Military Academy, June 7, 1875, and Sept. 27, 1876. (A)
- 1875.** The Hudson River. V. Illustrated in Art Journal (New York), 1875, p. 169. (A)
- 1876.** Force at West Point, 8 Military Academy professors; cadets, 290-298. Detachment at West Point, 225. Compilation of Official Documents Illustrative of the Organization of the Army of the United States, 1789-1896, p. 84.
- 1877.** Adjutant-General's Office, General Orders 15. Department of West Point, how constituted. General Schofield to command and to report direct to Adjutant-General. (A)
- General Orders, 47, Adjutant-General's Office. Prescribes the number of enlisted men to compose the West Point detachment. (A)
- 1878, June 10.** The daily consumption of water is less than 100,000 gallons. Rept. Board of Visitors, 1878, p. 470. (A)
- 1878.** Historic oration delivered at the decoration of the graves of the

- immortal heroes who lie in the national cemetery at that memorable post, on Decoration Day, May 30, 1878. By Maj. Henry C. Janes. O. pam. New York, 1878. 2 copies. (A)
- 1879.** (Stewart, Maria L.) Our little brown house; a poem of West Point . . . 1879 . . . New York, 1880. 1 pam. bound. O. (A)
- 1880, February 17.** Act of Congress appropriates money to bring the remains of Gen. Geo. Sykes, U. S. Army, to West Point. (A)
- 1880.** Adjutant-General's Office, General Order 84. Gen. O. O. Howard to relieve General Schofield in command of the Department of West Point. (A)
- 1880-1896.** Report on the causes of prevalent malarial fever at West Point. Report Board of Visitors 1896, pp. 18-30. (A)
- 1881.** Letter on cavalry barracks at West Point. Secretary Alexander Ramsey, Feb. 26, 1881. Sexate Ex. Docs., No. 58, 46th Cong., 3d sess., vol. 3. 2 pp. (C)
- 1882-1889.** General Order, Adjutant-General's Office, 77, 1882; 13, 1889. Commandant. (A)
- 1883, December 24.** The Army mess incorporated. (A)
- 1885-1895.** Constitution, by-laws, and list of officers and members of the West Point army mess. 1 pam. 8°. 1885. 1890. 1895. (A)
- 1886-1892.** Rainfall at old cadet hospital, 47 inches (during?); (1886-92), rainfall at new cadet hospital, 51.6 inches; (1886-92), rainfall at Round Pond, 53.8 inches. Rept. Supt. U. S. Military Academy, 1892, p. 18. (A)
- 1887.** From about 1824 to 1887 the control of the hotel was in the hands of the Superintendent U. S. Military Academy. In 1887, by direction of the Secretary of War, it was leased for five years to Mr. A. H. Craney (rental \$3,500). Rept. Supt. U. S. Military Academy, 1891, p. 11. (A)
- 1888, March 12.** Great storm, blizzard, at West Point. Snowdrifts covering the fronts of the stone houses of professors; reaching to windows of dialectic hall in cadet barracks; closing both entrances to sally port of barracks, etc.
- 1888, September 22.** Act of Congress authorizes the purchase of the Kinsley tracts to be added to the reservation. (A)
- 1888-1889.** General Orders, 75, Adjutant-General's Office, 1888; War Department Circular 3, Dec. 1, 1888; 26, 1889. Purchase of land adjoining military reservation. (A)
- 1889, March 2.** Act of Congress authorizes purchase of the Kinsley estate, \$150,000. (A)
- 1889.** Water supply. *See* Letter book quartermaster U. S. Military Academy, November, 1889, pp. 85-88. Sewerage, *ibid.*, pp. 88-92. Gas works, *ibid.*, pp. 92-94. Steam-heating, *ibid.*, pp. 94-96. Fire-alarm, *ibid.*, p. 96. (A)
- Public buildings described. Letter book quartermaster U. S. Military Academy, November, 1889, pp. 96-115. Officers' quarters described, *ibid.*, pp. 115-151. Quarters for married enlisted men described, *ibid.*, pp. 151-167. Barracks, *ibid.*, pp. 167-170. Miscellaneous buildings, *ibid.*, pp. 170-191. (A)
- 1890, June 20.** Act of Congress authorizes the establishment of a telephone system at the post. (A)
- 1890.** Water supply of the post. Daily consumption, 359,000 gallons (winter), 247,000 (spring), 296,000 (summer); in August, 1890, 270,000 gallons, or 225 per capita. Report Superintendent U. S. Military Academy, 1890, p. 228. *See* also pp. 238-240. (A)
- West Point: [a play] showing the vicissitudes of war, the sale of West Point; . . . trial of André, etc. Written by Leon del Monte. Cincinnati, 1890, 1 vol. 8°. pp. 106. (A)
- Battle Monument. American Architect, No. 781, Dec. 13, 1890; containing on pages 168 and 169 an article on the Battle Monument, with illustrations. 1 pam. F. (A)
- Limits of the cemetery extended so as to take in the former cadet garden. Rept. Supt. U. S. Military Academy, 1891, p. 13. (A)
- General Order Adjutant-General's Office 72. Artillery detachment to be mustered out as artillerymen and re-enlisted as army service men in Quartermaster's Department. (A)
- General Order Adjutant-General's Office 85. Army service men in Quartermaster's Department, retention of pay. (A)
- For many years the Superintendent of the U. S. Military Academy has had under his command at this post a detachment of 185 enlisted men, 117 known as U. S. Military Academy detachment of artillery, 68 as U. S. Military Academy detachment of cavalry. The post quartermaster was placed in command of the former Jan. 21, 1889. Act of Congress June 20, 1890, organized the artillery detachment into army

- service men. Quartermaster's Department. Rept. Supt. U. S. Military Academy, 1892, p. 10. (A)
- 1890.** Songs, West Point Army Mess. 1 pam. 8°. 8 pp. [n. d., about 1890.] (A)
- 1890-91, fiscal year.** Average strength of the command: Officers, 50; cadets, 261; enlisted men, 331; civilians, 1,065; total, 1,707. Rept. Supt. U. S. Military Academy, 1891, p. 22. (A)
- 1890-1897.** Tillman (S. E.). Notes on chemical analysis of water at West Point. 1 vol. (A)
- 1891-92, fiscal year.** Average daily strength of the command: Officers, 52.67; cadets, 272.50; enlisted men, 348.08; civilians, 673; total, 1,346.25. Rept. Supt. U. S. Military Academy, 1892, p. 27. (A)
- 1892, March 17.** The Robinson House (headquarters in the Highlands) was destroyed by fire Mar. 17, 1892.
- 1892, November 5.** "A resident of West Point who has no other qualification as a resident of the State except such as he gets from residence there is not a resident of the State and is not qualified to vote. Since the State of New York has ceded to the United States the territory comprising the West Point reservation, reserving nothing except the right to serve process therein, such territory has ceased to be subject to State jurisdiction or to be a part of the State." (Matter of Town of Highlands, 48 N. Y. State Reporter, 795; 22 N. Y. Supp., 138.) The judge states in the opinion that he has decided two other cases on this same point—the first, that the assessors of the town of Highlands had no jurisdiction over lands at West Point; the second, that a State court had no jurisdiction to entertain a suit to foreclose a mortgage upon property at West Point. (E. S. D.) *See also* this catalogue June 25, 1796.
- 1892-93, fiscal year.** Average strength of the command: Officers, 52.59; cadets, 259.43; enlisted men, 326.03; officers' families, 197; other civilians, 476; total, 1,311.05. Rept. Supt. U. S. Military Academy, 1893, p. 15. (A)
- 1893.** New gas plant provided. Rept. Board of Visitors, p. 21. (A)
- Army Officers' Athletic Association. Constitution, by-laws, reports, and list of members. (Annual report to.) 1893, 1894, 1895, 1897, 1898, 1901. (A)
- 1893, July 24.** Cavalrymen and engineers fight at Cranstons. N. Y. Times, p. 5, col. 6.
- 1893-94, fiscal year.** Average strength of the command: Officers, 53.23; cadets, 275.84; enlisted men, 337.08; officers' families, 289; other civilians, 476.08; total, 1,431.23. Rept. Supt. U. S. Military Academy, 1894, p. 17. (A)
- 1894, June 9.** A serious fire occurred near the gas house. Rept. Board of Visitors, p. 61. (A)
- 1894-95, fiscal year.** Average strength of the command: Officers, 52.80; cadets, 287.70; enlisted men, 333.52; civilians, officers' families, 210; other civilians, 413; total, 1,327.02. Rept. Supt. U. S. Military Academy, 1895, p. 14. (A)
- 1894-1897.** Battle Monument. Minutes of meetings of building committee of Battle Monument. Prof. C. W. Larned, secretary. West Point, 1894-1897. 1 vol. 8°. MS. (A)
- 1894-1899.** General Orders, Adjutant-General's Office, 37, 1894; 37, 1899. Number of army service men in Quartermaster's Department allowed. (A)
- 1895, January 16.** Act of Congress provides that the enlisted strength of the army service and of the cavalry detachments shall not exceed 215. (A)
- 1895, January 16.** Act of Congress authorizes to be procured architects' plans for new library, new organ for the chapel, etc., U. S. Military Academy. (A)
- 1895, June 30, to 1896, June 30.** Mean strength of the command: Officers, 50.83; cadets, 296.77; enlisted men, 330.78; civilians (officers' families, etc.), 300; civilians (soldiers' families, etc.), 481.61; total, 1,459.98. Rept. Supt. U. S. Military Academy, 1896, p. 187. (A)
- 1895-1899.** Guard, police, and fire regulations. Pam. O. (A)
- 1896, May.** The battle monument completed. Work on Memorial Hall begun January, 1896. Rept. Supt. U. S. Military Academy, 1896, p. 8. (A)
- 1896-1897, fiscal year.** Average strength of the command: Officers, 51.50; cadets, 298.58; enlisted men, 325.41; civilians (officers' families, etc.), 164.25; other civilians, 511.50; total, 1,351.27. Rept. Supt. U. S. Military Academy, 1897, p. 14. (A)
- 1897.** Battle Monument. Brewer, Justice D. J. Address . . . at the dedication of the Battle Monument, West Point, N. Y., May 31, 1897. U. S. M. A. Press, 1897. 1 pam. O. (A)

1897. Battle Monument Association, 1897. Minutes of meetings of building committee, 1897. West Point, 1897. 1 vol. O. (MS.) (A)

— Constitution and by-laws, West Point Golf Club. 1 pam. 8°. 1897. (A)

1897-1902. News of the Highlands (weekly newspaper), contains a column referring to West Point. (A)

1898. Battle Monument. Larned, Prof. C. W.: History of the Battle Monument at West Point . . . with a list of the names of those inscribed upon and commemorated by it . . . West Point, N. Y., 1898. 1 vol. O. 237 pp. (A)

— General Order Adjutant-General's Office, 103. Erection of building at West Point for religious purposes. (A)

1899, September 4. E Company, Battalion of Engineers, returns to West Point (its designation changed to M Company). (A)

1900, June 6. Act of Congress appropriates \$78,999 for building new officers' mess and quarters; act of Mar. 2, 1901, further appropriates \$29,960. (A)

— Act of Congress appropriates pay for the artillery detachment, U. S. Military Academy. [Up to this time the work had been done by men of the cavalry detachment who received extra pay.] (A)

1900, July 24. E Company, Battalion of Engineers, left West Point for the Philippines and was replaced by a detachment (later increased to 50 men) from Willets Point. M Company was organized from this detachment. When C Company returned (old E Company) it was sent to West Point (Dec. 21, 1901) and M Company was sent to Washington. MS. letter from Lieut. W. B. Ladue. (A)

1900. Tripp, W. H.: Guide to West Point and the U. S. Military Academy . . . West Point (1900). 1 pam. O. (A)

— Memorial tablets of the Revolutionary and Spanish-American wars [in chapel] . . . presented by the New York Daughters of the Revolution, with address by Professor Michie. 1 pam. 8°. (A)

1901, February 26. The designation of E Company, Battalion of Engineers (then in the Philippines) was changed

to C Company, and authority was given to organize M Company at West Point, which was done. General Orders, No. 22, Adjutant-General's Office, 1901. (A)

1901. Post library (for soldiers) founded by order of the Superintendent from overflow from U. S. Military Academy library. Rept. Supt. U. S. Military Academy, 1902. (A)

— List of cemetery interments to December, 1901. MS. 1 vol. 8°. (A)

1902, April. C Company, Battalion of Engineers, was transferred from West Point to Fort Leavenworth, most of the men remaining in the West Point detachment (General Orders, No. 34, Adjutant-General's Office, 1902), which was organized Apr. 24, 1902 (Special Orders, No. 6, Headquarters U. S. Military Academy, 1902). (A)

1902, August 22. Methods for destroying mosquitoes adopted. Circular No. 50. (A)

1902, December 22. The enlisted strength of the Engineer Detachment at West Point is 88—8 sergeants, 8 corporals, 36 first-class privates, 36 second-class privates. (A)

1902. Report on the trees of the reservation, made by an expert from the Bureau of Forestry, United States. (A)

— Fort Putnam: Plan to restore it in Report of the American Scenic and Historic Preservation Society for 1902, p. 42. (A)

— (Buildings of the new post.) Larned, Prof. C. W.: U. S. Military Academy. Report upon the reorganization of the plant of the U. S. Military Academy, accompanied by estimate, map, and drawings, West Point, N. Y., 1902. 1 vol. 8°. 21 pp. and atlas f°. (A)

— Designs for the new post and academy by Cram, Goodhue, and Ferguson. In Architectural Review, July, 1903. pls. (A)

— Latitude of old observatory N. + 41° 23' 31". Longitude of old observatory W. - 4° 55' 49.33". Latitude of new observatory N. + 41° 23' 22.1". Longitude of new observatory W. + 4° 55' 50.55".

— Views on the Hudson. L. and N. Y., Nelson (n. d.), p. 15, 12 pls.

VIEWS OF WEST POINT AND VICINITY, 1778-1902.

1778-1783. West Point at the time of the Revolution, redrawn from Barber's Historical Collection. In Brooks: Henry Knox, p. 158. (A)

1779? "Military Committee 25: 821. Chevaux de frise, battery, and chains to obstruct the Hudson River between Breakneck and Butter Hill. Am.

- Photo. Lithogr. Co., New York." 5x7³/₄.
- 1780.** A view of West Point on Hudson's River, by Major L'Enfant, engineer. 796x150^{mm}. Legend: "A view of West Point," etc. Frontispiece to Boynton's History of West Point. (A)
- Steel engraving. "West Point, with its fortifications, etc., in 1780." "Drawn and engraved by J. Smillie from the original drawing made in 1780 by L'Enfant, engineer U. S. Army." View from hill, directly east from Garrison's station. New York, G. P. Putnam. (A)
- 1780?** View of the encampment at West Point, being No. 544 of the inventory of President Washington's library. [Possibly this is a copy of Major L'Enfant's drawing.]
- 1782.** View of Starkean Hall, erected at West Point for Masonic meetings. MS. . . . in Washington's headquarters, Newburgh, N. Y.
- 1783.** Copperplate engraving "H. Livingston del.," entitled "West Point viewed from the north as it appeared at the close of the war," from the New York Magazine, given as a frontispiece to Fourth Annual Reunion of the Association of Graduates U. S. Military Academy, June 12, 1873. Copy in Barber's Hist. Coll., New York, p. 272. (A)
- 1800.** "West Point on Hudson River." Water-color picture. 12x16 inches. "Purchased in London in 1901, where it was represented as having been done by an English officer about 1800. Presented to the Library U. S. Military Academy, West Point, N. Y., by S. P. Avery." Framed in the library. (A)
- 1811.** Mezzotint by ———? "Fort Putnam, West Point." Looking north. O. (A)
- Mezzotint by ———? "Fort Clinton, West Point." Looking south. O. (A)
- 1820.** "Military Academy, West Point, N.Y." Copperplate, 80x164^{mm}. (Analectic Magazine, n. s., vol. 2, p. 171.) View of the buildings, the battalion at drill, Wood's monument in center of the parade, a cadet officer. (A)
- 1826.** No. 16 of the Hudson River portfolio. Painted by W. G. Wall. Engraved by I. Hall. Colored print. A copy framed in library. (A)
- Military School, West Point, vol. 2, p. 370 of ———? Steel plate 5¹/₄x7¹/₄. (A)
- Plain of West Point. Sketched at the moment of exercises, 1826. From J. Milbert's Itineran Picturesque Drawings on the Hudson. Published in Paris, lithograph in Mag. Amer. Hist., vol. 18 (1887), p. 91. [Battalion in column of four companies.] (A)
- 1826.** General view of the military school, West Point, 1826. From J. Milbert's Itineran Picturesque Drawings on the Hudson. Published in Paris, lithograph in Mag. Amer. Hist., vol. 18 (1887), p. 90. (A)
- 1826, about.** View from Fishkill Landing looking to West Point (No. 15 of the Hudson River portfolio), by W. G. Wall, engraved by I. Hall. Size, 20x26 inches. (Lent by Association of Graduates.)
- 1828, May 13.** Colored engraving drawn by G. Catlin. "To the cadets of the West Point Military Academy this print is respectfully dedicated by their friend and servant, Geo. Catlin." Showing the general parade, looking north, and the Hudson River to Newburgh, with the battalion at parade close in front of the Superintendent's quarters. The battalion has two colors, one blue, the other white. (A)
- Colored engraving drawn by G. Catlin. "To the cadets of the West Point Military Academy this print is respectfully dedicated by their friend and servant, Geo. Catlin." Showing the general parade looking from the north by Wood's monument; the cadets at artillery drill. (A)
- 1828?** "Plain of West Point at the moment of exercise." A lithograph in black from a drawing by J. Milbert. Size, 14x11. Looking north over the plain. In Library of Congress.
- 1828, about.** Oil painting by G. Catlin, showing the parade ground, U. S. Military Academy, and the Academy building and barracks. Looking south. Framed. A photographic copy of this is owned by the Army and Navy Club, Washington. (A)
- Oil painting, by G. Catlin, showing the parade ground, U. S. Military Academy and the view up the Hudson. Looking north. Framed. A photographic copy of this is owned by the Army and Navy Club, of Washington.
- The two following lithographs in a volume in Library of Congress: "Itineraire pittoresque du fleuve Hudson . . . d'après les dessins originaux pris sur les lieux par J. Millert. Chez Henry Gauguain et Cie, éditeurs." "General view of the Military School, West Point." Lithographed in black. Looking south from cemetery. No hotel shown. About 14x11. In Library of Congress.

1830. Copperplate engraving at the base of a topographical map of West Point, by T. B. Brown. 1830. (A)
- 1830, about. Lithograph, 10 $\frac{1}{2}$ x 16 inches, from a drawing by S. Eastman. Lithograph by Pennington. View of West Point from Washington Valley. (Lent by Association of Graduates.)
- 1831, November 15. Steel engraving, 4 $\frac{1}{4}$ x 6 $\frac{1}{4}$, Military School, West Point. London. Engraved and printed by Fenner Sears & Co. Facing p. 492, Vol. II, Hinton's Hist. and Topog. U. S. (A)
- From same original: J. Archer, sc. 5 $\frac{1}{4}$ x 7 $\frac{1}{2}$. Same title. (A)
1831. West Point from Phillipstown. To Col. S. Thayer, Superintendent of the U. S. Military Academy . . . this print is respectfully inscribed by his obedient servant, W. J. Bennett. Chromo-lithograph. Painted and engraved by [W. J. B.], colored by Hill, published by Parker & Clover, New York. 16 x 22. Presented by Gouverneur Kemble III. (A)
- 1832, about. Two small woodcuts after Catlin's oil paintings, on pp. 483-484 of Political Geography: Book of the United States.
1834. Military school, West Point, N. Y. J. Archer, sc., 200 x 138^{mm}. [*In* Hinton (J. H.): The history and topography of the United States. New ed. 4^o. Boston, Samuel Walker, 1834. Vol. 2. opp. p. 270.] This is a steel engraving looking from the cemetery toward the plain and showing the old buildings. *In* Library of Congress.
- Steel engraving, 5 x 9, "Washington's headquarters, Newburgh, N. Y.: Robt. W. Weir, pinxt.; James Smillie, sculpt.; painted and engraved for the New York Mirror, 1834." (A)
- [A less brilliant print from the same original, published by Lewis P. Clover, 180 Fulton street, New York, 1834.] Both *in* Library of Congress.
- "West Point from above Washington Valley, looking down the river. Published by Parker & Co. . . . New York. Entered according to act of Congress . . . 1834 . . ." Colored lithograph, 20 x 24 inches. "Painted by Geo. Cooke, engraved by W. J. Bennett." Framed in library U. S. Military Academy. (A)
- Perspective view (copperplate) and plan of the academic building. E. Prudhomme, sc.; folding sheet. Q. (A)
1835. Cadets' encampment. Drawn by S. Eastman. Lithograph of Endicott, New York, 1835. Picture. 28 x 17 inches. Framed in library U. S. Military Academy. (A)
1836. Steel engraving, 6 $\frac{1}{2}$ x 9, "painted by Robert W. Weir, engraved by James Smillie, view of the Hudson Highlands from West Point. Painted and engraved for the New York Mirror, 1836." (A)
- 1837, about. Steel engraving by R. Young from an original by W. H. Bartlett, "The tomb of Kosciusko." Looking northeast from road in rear of Cadet Encampment. London, Geo. Virtue, 1837. O. Should be entitled "Monument to Kosciusko." [Other copies, London, 1838.] (A)
- 1839, about. Steel engraving by G. R. Richardson from an original by W. H. Bartlett, "Crow Nest from Bull Hill." Looking south and showing U. S. Military Academy. London, Geo. Virtue, 1839. O. (A)
1840. View from West Point (Hudson River). 177 x 118^{mm}. *In* American Scenery. From drawings by W. H. Bartlett. The literary department by N. P. Willis. Q. London, G. Virtue, 1840. Vol. 1, p. 6. *In* Library of Congress.
- 1840-41. Building for the library and philosophical apparatus of the Military Academy, constructed from the designs of Major Delafield. Colored lithograph. Frontispiece to catalogue of the Library, U. S. Military Academy. 1859. (A)
- 1841, October 1. View from West Point, on the Hudson. Steel engraving, 4 $\frac{1}{2}$ x 6 $\frac{3}{4}$, by J. T. Wilmore, after T. Creswick. (View up the river from hotel veranda.)
- 1841-1855. Water color sketch, by Lieut. R. S. Smith, from the northeast tower of the library building looking north. The date is after 1841; probably soon after. Size about 14 x 10 inches. In the possession of Miss Newlands. (A)
- 1848 (about). View of West Point, U. S. M. A. Painted by Robert Havell, from Fort Putnam [looking northeast]. Colored lithograph, 16 x 24 inches.
- 1850? Three steel engravings of views of the Hudson River near West Point. (U. S. Coast Survey? 1850?) 90 x 350^{mm}. Framed. (A)
1853. View southward from the library, 1853. Photograph from a paper negative (13 x 16 in.). (A)
- 1853? View of U. S. Military Academy. Painted by Robt. Havell from Fort Putnam. The class of 1853. Auto-graphs. Large sheet. *See* album U. S. Military Academy. (A)
- 1855? [View] 4 $\frac{1}{4}$ x 6 $\frac{1}{4}$. [*In* Dana (Charles A.): The United States illustrated. Edited by Charles A. Dana.

- 2 vols. in 1. 4^e. New York, H. J. Meyer (1855?). Vol. 1, p. 39.] *In* Library of Congress.
- 1856, about.** Cadets serving the guns of the seacoast battery before 1856. Stereoscopic slide on glass. (A)
- 1856.** Steel engraving, 4¹/₈ x 5³/₄. "E. Walker West Point—McRae." From Fort Putnam. Cadets encamped. (A)
- 1857?** Three photographs of West Point, 10 x 12; *a* shows Fort Clinton in process of reconstruction; *b* shows ordnance laboratory, etc.; *c* shows north dock with siege battery of 4 guns. (A)
- 1860.** [Many views *in* Farley (J. P.): *West Point in the early sixties*. (1902).] (A)
- 1860-1880.** Photographs. 127 numbers bound in 2 vols., O, obl. About 1860-1880. [Landscapes, houses, camp-life pictures, etc.] (A)
- 1862.** The Mountain Spring near Cozen's Dock, West Point. Chromolithograph, 11 x 15¹/₂. F. F. Palmer, del. Currier & Ives, New York, lith. (A)
- U. S. Military Academy, West Point, from the opposite shore. Chromolithograph, 11 x 15¹/₂. F. F. Palmer, del. Currier & Ives, New York, lith. (A)
- The Hudson, from West Point grounds, or the U. S. Military Academy. Chromolithograph, 11 x 15¹/₂. F. F. Palmer, del. Currier & Ives, New York, lith. Looking north from Trophy Point. (A)
- Cozen's Dock, West Point. Chromolithograph, 11 x 15¹/₂. F. F. Palmer, del. Currier & Ives, New York, lith. (A)
- 1867, about.** "West Point on the Hudson," after A. L. Miller; published by Edmund Foerster & Co., 15 N. William street, New York, 1867. View from Garrison Ferry landing, showing U. S. Military Academy buildings. Colored lithograph, about 20 x 16. *In* Library of Congress.
- 1869.** Steel engraving by S. V. Hunt, from a painting by Harry Penn, "West Point and the Highlands." Looking north from the siege battery. New York, D. Appleton & Co., 1869. O. (A)
- 1870, about.** Oil painting of view looking north. Autumn coloring. By Prof. R. N. Weir. Owned by Gen. C. F. Roe.
- 1870, about.** Oil painting of view looking north. By Prof. R. N. Weir; owned by the Misses Weir.
- 1875.** *In* The Art Journal, New York, vol. 1, p. 169. (A)
- 1883, after.** Folio atlas of views—artotypes of West Point. Extracted from Catalogue of Homes on the Hudson. Artotype Pub. Co., New York. (A)
- 1885.** Chromo-lithograph, 24 x 34¹/₂ inches, of West Point seen from the east shore. Andrew Melrose, del. Framed in library.
- 1887.** [Album Photogravures.] West Point Military Academy. Photos and drawings by S. R. Stoddard. New York, Hart & Stoddard, 1887. 1 vol. 8^o, obl. (A)
- 1890-91.** Thirteen photographs of the progress of the gymnasium, 1890-1891. 8 x 10 inches and 10 x 12 inches. In wrapper. (A)
- 1892.** Sketch of the Battle monument. *In* Rept. Supt. U. S. Military Academy 1892, p. 18. (A)
- 1896.** [Album Photogravures.] New York, A. Whittman, 1896. 1 vol., obl. Q. (A)
- 1900-1901.** Photograph of the temporary library, first floor, Academic building. East and west rooms, 1900-1901. 1 sheet (17 x 31 inches). (A)
- 1902.** Fifty gelatin prints [mostly views], 32 leaves. New York, West Point Book Co. Obl. 4^o.
- 1902.** (West Point and vicinity.) View of Stony Point from Verplanck's Point. The Hudson River from Ocean to Source, p. 306. (A)
- 1903.** (West Point and vicinity.) View of the Highlands between Garrison and Cold Spring. Journal of Silas Constant, p. 420. (A)
- 18—?** West Point after the painting by Robert Weir. Reproduced *in* The Hudson River from Ocean to Source, p. 372. (A)
- ? Lithograph. 5 x 7 inches. "Tomb of Kosciusko at North Point, New York." [sic]. Cadet on guard below the monument. (A)
- ? Steel engraving, 3³/₄ x 4¹/₂. S. V. Hunt, sc. Copy of W. H. Bartlett's painting. (A)
- ? Steel engraving. 4¹/₄ x 6¹/₄. "West Point (Hudson): Drawn after nature for the proprietor, Herrmann J. Meyer." (A)
- ? Steel engraving. "Drawn on the spot" for H. J. Meyer. "Monument of Cosciusco." Looking north. (A)
- ? Steel engraving. 4¹/₈ x 6³/₄. "James D. Smillie—West Point—James Smillie." (A)
- ? Steel engraving. 4 x 6 inches. Das Grab Cosciusco's zu West Point am Hudson. (Verein. Staaten.) (A)

- 18—? Jardin de Kosciusko. Copper plate 4 x 6. Heading: Etats-Unis, Estados Unidos 60. Vanderburch del.; Alès sc. (A)
- ? View from West Point looking up the Hudson. Vignette 4 x 6 from an 8° book. Copperplate. (A)
- ? Lithograph. 7 x 9 $\frac{3}{4}$. West Point from the east bank of the Hudson. (A)
- ? Steel engraving. 4 $\frac{3}{4}$ x 7 $\frac{1}{4}$ inches. West Point, engraved expressly for the Ladies' Repository . . . by W. Wellstood, from an original drawing by C. W. Tice. (A)
- ? View from West Point looking up the Hudson. Print 1 $\frac{3}{4}$ x 3 $\frac{3}{4}$. From a copperplate owned by J. O. Wright & Co., 6 East Forty-second street, New York City. (A)
- ? See Old China (a magazine), vol. 1, No. 8, May, 1902, p. 120, for notice of 3 pieces of china decorated with views of West Point. (A)
- ? Steel engraving by R. Sands, from an original by W. H. Bartlett. "View from Fort Putnam." Looking north. Extracted from Memoir of Kosciuszko (Evans), 1888, p. 10. (A)
- ? Bacon (E. M.) The Hudson River from Ocean to Source. About 100 views of the river scenery, etc. New York, 1902. 1 vol., O.
- ? Steel engraving by R. Wallis, after an original by W. H. Bartlett.
- "The Tomb of Kosciusko." Looking northeast from near road in rear of cadet encampment. 2 copies. Extracted from Evans: Memoir of Kosciusko, p. 12. (A)
- 18—? Steel engraving by R. Wallis, after an original by W. H. Bartlett. "View from West Point." Looking north. O. (A)
- ? A colored lithograph showing the U. S. Military Academy taken from the east side of the Hudson. Ferryboat, West Point, hotel, and river in the foreground. 16 x 20.
- ? Lieut. Col. Alex. R. Thompson's monument, West Point cemetery. 1 lithogr. picture. 16 $\frac{1}{2}$ x 12 inches. (A)
- ? 1,107 photographs of landscapes, houses, etc., at West Point. [n. d., 18—. 14 x 11 inches. Very many duplicates.] 127 numbers of these are bound in two albums. (A)
- ? Two hundred and twenty-nine stereoscopic views (New York, Pach) in paper box. 4 x 8 x 9 $\frac{1}{2}$ inches. Many duplicates. A large collection of 8 x 10 prints, by Pach, mounted, purchased in 1903. (A)
- ? See West Point Howitzer for different years, especially 1896; reports of Superintendent U. S. Military Academy; reports of Boards of Visitors, U. S. Military Academy. (A)

MAPS OF WEST POINT AND VICINITY, 1769-1902.

1769. Map of lot No. 2, Philipse patent (now Cold Spring on Hudson), made by Daniel Lambert. Journal of Silas Constant, p. 414. (A)
- 1775, September. By Col. Bernard Romans *in* Amer. Archives, vol. 3, p. 735. (1) Map of the Hudson from Cro' Nest to Iona Island; (2) works built and to be built at Constitution Island; (3) ditto, 2 sketches; (4) plan of chief work. N. B. There was a landing at West Point near the present South Dock. (A)
- 1775-1777. Constitution Island copper plate map, 5 x 7 $\frac{1}{4}$ inches. Legend: "Map of Fort Constitution, Martelaer's Rock, opposite West Point, 1775-6-7; compiled from Amer. Archives." *In* Boynton's History of West Point, p. 27. (A)
1776. Map of Constitution Island with its works. Winsor's Narr. and Crit. Hist. of America, vol. 6 p. 325. On p. 324 is a plan of Fort Montgomery (1776) and of the chain there; on p. 363, plan of the attack on forts Clinton and Montgomery (Oct. 6, 1777) by Lieut. John Hills; p. 365, another such plan. (A)
1776. "Misc. Papers in Secretary of State's Office, Albany. 34, 195. Plan of Fort Montgomery, drawn by Colonel Parker, 1776." Lithograph. 7 $\frac{1}{2}$ x 10.
- Map, reduced from a British map of 1776, showing the country from Staten Island to Yonkers and the chain across the Hudson at Fort Washington. Lodge's Story of the Revolution, vol. 1, p. 186. (A)
- 1776-1783. Operations militaires Sur l' Hudson *in* vie, correspondance et écrits de Washington . . . par M. Gvizot. Atlas, plate 18 Paris, 1840, 170 x 190 mm.
- 1777, October 6. Plan of forts Clinton and Montgomery [sic], stormed Oct. 6, 1777, by the troops under Lord Hen. Clinton. *In* André's Journal, vol. 1, p. 148. Scale, 2.37 inches = 1 mile. Facsimile; reduced slightly. (A)
- Plan of the attack of the forts Clinton and Montgomery . . . by John Hills, lieutenant Twenty-third

- regiment. London, published by William Faden, geographer to the King, June 1, 1784. Colored lithograph. Scale, 3 inches = 1 mile; size, 21 x 26 inches. *In* N. Y. Hist. Soc. Photographic copy in frame owned by Library at Military Academy. (A)
- 1777, October 7.** Map, 5 x 8½, of forts Clinton and Montgomery and the British attack upon them. "Lithograph of R. H. Pease, Albany," n. d.
- 1777.** Map "from Obstructions to Navigation of the Hudson River by E. M. Rittenber" [Haverstraw to Newburgh; lithograph. 6½ x 10½; topography indicated.] (A)
- 1777-1780.** MS. maps by Robert Erskine, F. R. S., geographer to the Army of the United States, at N. Y. Hist. Soc. Nos. 1, (2), 3, (4), 5, 7, 36, 93 = 20 sheets, (94), 110, (129), and perhaps others refer to West Point and vicinity. Those in () are now lost. No. (129) referred to Moore's land at West Point.
- 1778.** Westchester County, N. Y., and vicinity, from the MSS. surveys by Robert Erskine, F. R. S., geographer to the Army of the United States, 1778-1780. . . . [Copper plate, 6½ x 8½, showing the country from Staten Island to Norwalk Conn., and to Fishkill, N. Y.] (A)
- 1778-1780.** "Westchester County, N. Y., and vicinity, from the MSS. surveys of Robert Erskine, F. R. S., geographer to the Army of the United States, 1778-1780. Copied from the original (De Witt maps, vol. 1, No. 66) in the possession of the N. Y. Hist. Soc. and now first engraved." *In* Irving's Washington, vol. 2, p. 226. (A)
- 1779, April 25.** Legend of a map made by Colonel Kosciuszko, mentioning all the buildings on the post. (The map is not copied.) McDougall, MSS. (A)
- 1779, June 9.** Sketch of the rebel works at West Point as taken from the description of them given by a deserter who came to Stony Point, June 9, 1779. MS. [anonymous] 8½ x 15. Originals *in* Library of Congress. Photographic copy in Library U. S. Military Academy. *See* Coll. N. Y. Hist. Soc., 1875, p. 78. (A)
- 1779, July 16.** Sketch of Stony and Verplanck's points and of the disposition of General Wayne's troops. Life of General Hull, p. 159. (A)
- 1779.** Map (plan) of West Point and the roads to it from the South—with the Hudson River from Stony Point to West Point redrawn in ink. Scale, 1.65 inches = 1 mile. Map, 23½ x 34 inches. Legend: "Joint à la dépêche de Mr. Géraud le 19 Juillet, 1779." (Copied from the original in the National Library, Paris.) Framed in offices of the Association of Graduates U. S. Military Academy). (A)
- 1779.** Plan of the surprise of Stony Point by a detachment of the American Army, commanded by Brigadier-General Wayne on the 15th of July, 1779 . . . from the surveys of William Simpson, lieutenant Seventeenth Regiment, etc. London, printed for William Faden . . . Mar. 1, 1784. [Two copies in the State Library, Albany, N. Y.]
- The country west of Hudson's or North River occupied by the American army under Washington, from a manuscript map drawn for Lord Stirling in 1779. Scale, about 3 inches to 10 miles. Reproduced as a steel engraving facing p. 10 of Evans' Memoir of Kosciuszko, 1888. (A)
- Map of West Point made by Kosciuszko in 1779. Facsimile. *In* Guide to West Point (Boynton), p. 10. (A)
- A plan of West Point (sketched from the Moses Greenleaf Papers, Mass. Hist. Soc., and reproduced—130 x 145^{mm}—*in* Winsor's Narr. and Crit. Hist. of America, vol. 6, p. 451). (A)
- Outline map of Hudson River Highlands. (Compiled) *in* Carrington: Washington the Soldier, p. 254. (A)
- 177—.** [Plan of Webb's redoubt, Willis, Fort Putnam, and Fort Clinton. Anonymous. MS. 4 x 5.] *In* Library of Congress.
- 1780.** Map of the west side of the Hudson River. Copperplate. Scale, 1 inch = 1 mile; map 5 x 7¼ inches. Legend: "Map of the west side of the Hudson River; copy from the original of Major Villefranche." *In* Boynton's History of West Point, p. 45. (A)
- "Outline Map of Hudson River Highlands." *In* Carrington's Battles of the American Revolution, 1775-1781, p. 512. 120 x 196^{mm}. (A)
- Copperplate "Plan des forts, batteries, et poste de West Point, 1780." Legend: "A, magasin . . . N, École du Génie . . . S, Bibliothèque . . . U Laboratoire." Scale, 1.75 inches = 290 toises. This is the frontispiece to F. Barbé-Marbois: Complot d'Arnold . . . contre les États-Unis d'Amérique . . . Paris, 1 vol., 1816. 8°. 110 x 153^{mm}. (A)
- Topographical map of West Point. Copperplate. Scale, 2.75 inches = 1 mile; map 394 x 292^{mm}. Legend: "Plan of West Point, copied from the original map of Major Villefranche, engineer." *In* Boynton's History of West Point, p. 87. (A)

1780. "Operations on the Hudson River" [showing the country along the river from Tarrytown to Newburgh]. In Irving's *Washington*, IV, p. 108. (A)
- "Map showing the scene of Arnold's treason." In *Lossing's Field Book of the Revolution*, p. 148. Size, $2\frac{1}{4} \times 3$ inches. Scale, 9 miles to 1 inch. [New York, 1859.] (A)
- ? A map of the east side of the North River, done in consequence of orders from His Excellency General Washington (Dobbs Ferry to Fish-kill). Copied in Sargent's *Life of André*, p. 303. (A)
- 1780, about. Villefranche, Major: Plan of West Point. n.d. (about 1780.) (1 sheet, 22×31 inches.) In frame. Presented to the U. S. Military Academy by James H. Castle, of the city of Philadelphia, Pa., 1852. (A)
1781. Plan de West Point levé à vue. 235×165 mm. [In magazine of American history. Edited by John Austin Stevens. 4°. New York, 1880. Vol. 4. p. 304.] (A)
- 1781-82. [Plan of the camp of the combined American and French armies on Hudson River, near Dobbs Ferry, 1781-82. Copy from the original in a MS. journal of a French officer, by Prof. W. W. Bailey.] MS. (A)
1783. Sketch of West Point. 1783. MS. [anonymous]. 13×22 . Original in Library of Congress. Photographic copy in library U. S. Military Academy. (A)
- Surveyed à coup d'oeil the 24 Oct., laid down the 27 Oct., 1783, by John Hincks. MS. 23×19 [1783]. NOTE.—Drawn in pencil. Numbered in pencil "153." In Library of Congress. Photographic copy in U. S. Military Academy. (A)
- Same. West Point [by Hincks. MS. anonymous. $20 \times 18\frac{1}{2}$. 1783?]. NOTE.—Drawn with pen and ink. Numbered in pencil "154." In Library of Congress.
- 1805-1807. [The date is between 1805 and 1807.] MS. map, $9\frac{1}{2} \times 15$ inches. Legend: "Map of a wall to enclose West Point, projected by Maj. William A. Baron and surveyed by A. Macomb, captain of Engineers." Cul- lum MSS., U. S. Military Academy. (A)
- 1812, January 22. Map of the public lands at West Point, Jan. 22, 1812; Robert (Reuben?) Hopkins, surveyor. Original in vol. 38, p. 523, office of the secretary of state, Albany, N. Y. Copy made in 1839 in library U. S. Military Academy. (A)
1812. Copperplate. Scale, 1 inch = 50 chains; map, $5 \times 7\frac{1}{4}$ inches. Legend: "Map accompanying the report, 1812. References: 1. Fort Clinton," etc. In Boynton's *History of West Point*, p. 11. (A)
1815. Map of "West Point, N. Y., latitude $41^{\circ} 25' 41''$, longitude $75^{\circ} 14' 1''$, west of Greenwich. Cadet John A. Webber, U. S. Service, 1815." Pencil drawing. MS. in N. Y. Hist. Soc. Copy by Capt. H. C. Smither, U. S. Army, owned by library U. S. Military Academy. (A)
1821. A survey of the country round West Point and of a projected road for the communication from that place with New York and the country west of the North River, by Major Perrault, 1821. (Pen and ink topography; scale, 4.25 inches = 1 mile. MS. Historical notes on the margin by Lieut. F. J. D. Kinsley.) (A)
- 1825?-1829.? Topographic map of West Point. Scale, 226 feet to one inch; map, 14×20 inches. Lithographed by T. B. Brown, U. S. Army. Imbert's Lith. Press, New York. Legend: Gives the quarters and buildings on the post and their occupants. One copy framed in the library; one copy framed in offices of the Association of Graduates, U. S. Military Academy. (A)
1830. West Point, 1830. T. B. Brown, del. W. P.; E. Prud'homme, sc. New York; S. Valentine, printer. $7\frac{1}{2} \times 6$. [N. p., 1830.] (Topographical.) (A)
- Topography of West Point [U. S. M. A., 1832]. Copperplate. 200×150 mm [probably a copy of the preceding].
1831. Copperplate topographical map by J. W. Bailey (Professor), U. S. Military Academy. In the drawing academy, U. S. Military Academy.
1836. Constitution Island: Surveyed and drawn by Lieutenant Eastman, U. S. Army, 1836 (scale, about 400 feet = 1 inch). Lithograph, 12×18 . (A)
- 1837, about. Fort Putnam, West Point. Topographical map. In Eastman (S.): *Treatise on Topographical Drawing* (1837). pl. 11. (A)
- 1839, April 6. Parmenter's survey platted. Rept. Board of Visitors, U. S. Military Academy, 1884, last page. (A)
1839. Copperplate. Scale, 1 inch = 50 chains; map $5 \times 7\frac{1}{4}$ inches. Legend: "Survey of the United States lands at West Point, 1839." In Boynton's *History of West Point*, p. 14. (A)
1844. Folding map. Lithograph. Scale, 10 chains to 1 inch. In Colton

- (J. II) Guide Book to West Point. (A)
- 1847.** Sketch of the Hudson, West Point to Tarrytown, with revolutionary sites marked. Scale, 4 miles to 1 inch. Cutter's Life of Israel Putnam, p. 303. (A)
- 1854, about.** Topographical map. Scale, 1:5,000. *In* Smith (R. S.): A manual of topographical drawing. New York, 1854. 1 vol. 8°. (A)
- 1863.** Map of West Point. Copperplate. Scale, 1:5,000; map, 351 x 237^{mm}. Legend identifies the buildings *in* Boynton's History of West Point, p. 283. (A)
- 1873?** Post of West Point, N. Y., with part of United States military reservation, surveyed and drawn by First Lieut. Henry A. Reed, U. S. Artillery, 1873? 1874? Topographical: photograph in the West Point Hotel. 14x20 inches.
- 1874, about.** Topographical sketch of West Point, U. S. Military Academy. Frontispiece to Wood (O. E.): The West Point Scrap Book. New York, 1874. 1 vol., illus. 8°. (A)
- 1875, about.** Beers (F. W.): County Atlas of Orange County, N. Y. Chicago, 1 vol., F^o, 1875. p. 136 is a plan of West Point. Scale, 40 rods to 1 inch. (A)
- 1878.** U. S. Coast and Geodetic Survey Chart No. 50, sheet 2. Hudson River from Haverstraw to Poughkeepsie. Scale, 1:60,000. (A)
- 1880.** Map of the Highlands of the Hudson, Orange County, from actual surveys by James P. Kirby, E. C. Newburgh, N. Y., 1880. Scale, 1,000 feet=1 inch, 5 x 3½ feet. (A)
- 1883.** West Point, N. Y. Scale, 1:4,800; 1883, 28 x 22 inches. U. S. Coast Survey [map of the reservation from a plane table survey, contours every 10 feet], Chart No. 47; 2 copies framed in Cadet Guard House, 1 copy framed in Library, 1 copy framed in Adjutant's office, U. S. Military Academy. Reproduced in Rept. Sec. War, 1889, vol. 1, p. 1130. See also *ibid.*, p. 1072, and in Rept. Board of Visitors, U. S. Military Academy, 1886, p. 805. (A)
- 1885.** [Contour] sketch of defensive lines near West Point, N. Y., from reconnaissances of the first class Corps of Cadets, Oct. 7, 8, and 12, 1885, under direction of Capt. F. Y. Greene, instructor in practical military engineering, assisted by Capt. H. G. Sharpe and Lieuts. W. M. Black, L. H. Beach, S. E. Stuart, and J. R. Totten. Blueprint, about 22 x 36 inches. Scale, 1 inch=200 feet. Contours 20 feet apart. (A)
- 1886.** Road map of vicinity of West Point, N. Y., from reconnaissance notes of cadets of first class, 1886. Scale, 3 inches to 1 mile. Blueprint. (A)
- [Contour] "Map of the Military Reservation, West Point, N. Y. Compiled under the direction of Prof. James Mercur, U. S. Military Academy, from U. S. Coast and Geodetic Survey Map of 1880; tracing furnished by Coast and Geodetic Survey, April, 1886, and topographical Survey made by Lieut. George A. Linn, Corps of Engineers, U. S. Army, in the summer of 1886. The contours of the east face of Cro' Nest are from photographic survey of Lieut. H. A. Reed, Second Artillery. Many of the wood roads are from foot reconnaissances. Blueprint, about 23 x 19 inches. Scale, 1:10,000. *In* Library U. S. Military Academy. (A)
- 1886-87.** Road map of vicinity of West Point, from reconnaissance notes of cadets of first class, 1886-87. . . . Capt. Philip M. Price, Corps of Engineers, instructor of practical military engineering. Blueprint, 1 sheet, 27 x 23 inches. Scale, 3 inches=1 mile. Framed. (A)
- 1888.** Map of the military reservation, West Point. Scale, 1:10,000. Rept. Board of Visitors U. S. Military Academy, 1888, p. 11. (A)
- Survey of the boundary lines of the U. S. Military Reservation at West Point, N. Y., by First Lieut. John Biddle, Corps of Engineers, 1888-1890. Scale, 1 inch=1,500 feet. Folding map drawn by First Lieut. G. H. Cameron, Fourth Cavalry, *in* Rept. Supt. U. S. Military Academy, 1891, p. 11. (A)
- Topographical map of West Point and vicinity, drawn by Cadet David P. Cordray, November and December, 1888 (colored topography). Scale, 1:10,000. *In* the drawing academy. (A)
- 1889, after.** Blue print. Scale, about 1,000 feet to 1 inch. Legend, "Reservation, West Point, N. Y. . . . Latitude 41° 32' 33", longitude 74° 41'." (Framed) 18 x 22. (A)
- 1890.** [Topographical map] U. S. Coast and Geodetic Survey, 1890. Engraved on copper; size, 22 x 28 inches. Lenox Library. See 1878 and 1883.
- 1891.** Contour map of proposed [Lusk] reservoir below Fort Putnam, surveyed and drawn by Lieut. C. H. McKinstry . . . under the direction of Capt. Geo. McC. Derby . . . September.

1891. Scale, 1:1,200. Contours. *In* Rept. Supt. U. S. Military Academy, 1892, p. 19. (A)
1896. Blue print. "Reservation, West Point, N. Y." (A)
1898. Map of U. S. Military Academy. Drawn in 1898 . . . by Cadet J. F. Woodyard . . . and photographed by Capt. F. W. Lewis to the scale of 1 to 1,500. (A)
1899. Reconnaissance map of the post of West Point, surveyed without instruments . . . and drawn by the class of 1899, U. S. Military Academy (colored topography). Scale, 1:1,000. *In* the drawing academy, U. S. Military Academy. (A)
1901. Map of West Point, N. Y., showing modifications and additions . . . to accompany the report of Prof. C. W. Larned, by Capt. F. W. Lewis (1901). Topographical map in colors. Scale, 1 inch=125 feet. (In the department of drawing, U. S. Military Academy.) (A)
1902. Smither, H. C.: Map of country west of West Point, July 9, 1902. Scale, 4 inches=1 mile. 100 feet contours. Size, 8 x 9 $\frac{3}{4}$ inches. (A)
- Contour map of West Point, N. Y., to accompany report of the advisory board of officers convened by General Orders, No. 130, headquarters U. S. Military Academy, June 12, 1902. Department of drawing, U. S. Military Academy. Scale, 1 inch=170 feet. Contours every 10 feet. Blue print. (A)
- Cyclist's road map of the Hudson River district, New York. Scale, 3 miles to 1 inch. Boston [1902]. Folding map. (A)
1902. Map of the Hudson River from Nyack to Newburgh. (Scale, 17^m=1 mile.) Sec. II of maps to accompany
- The Hudson River from Ocean to Source. New York, 1902, 1 vol., 8°. (A)
1902. One of the most useful maps of the Hudson River is published in sections in Rand & McNally's Handy Guide to the Hudson River, etc. (A)
1902. Hall (E. H.): Stony Point battle field, with a map [by Capt. J. P. Jervey, Corps of Engineers, U. S. Army]. New York, 1902, 1 vol., 8°, pp. 40. (Capt. Jervey's original map is in the library U. S. Military Academy). (A)
1903. The West Point Lands. On linen; compiled by Capt. H. M. Reeve, U. S. Army. Scale, 1 inch=666 yards (approximate).
- Map of road from railroad station to southern end of military post at West Point, N. Y., laid out by Maj. J. B. Bellinger, Quartermaster's Department, U. S. Army, and constructed under his direction, 1901-1903 . . . Scale, 1 inch=250 feet. (A)
- Map showing site of proposed power house, U. S. Military Academy, West Point, N. Y., drawn by direction of Maj. J. M. Carson, jr., quartermaster U. S. Military Academy, December, 1903. Drawn by H. L. Sterling. Scale, 1 inch=20 feet. [1 foot contours.] Blue prints. 2 copies. (A)
- Topographical map of West Point Military Reservation . . . Surveyed and drawn under direction of Capt. J. E. Kuhn, Corps of Engineers, and Capt. Mason Patrick, Corps of Engineers. Scale, . . . 1 inch=150 feet. 1903. Surveyed by direction of Col. A. L. Mills, Superintendent U. S. Military Academy. (Contours 5 feet apart.) (A)

MISCELLANEOUS PAPERS, WEST POINT AND VICINITY, 1702-1902.

- Bicentennial celebration of the two hundredth anniversary of the settlement of the Minisink Valley, held under the auspices of the Minisink Historical Society, July 22, 1890. 28 pp. Port Jervis, n. d. L. I. Hist. Soc.
- List of the inhabitants in the county of Orange, 1702. (State secretary of. Documentary History of the State of New York.) 1849-1851, 1:366-367; 1850-1851, 1:239.
- Eager, J. M.: An early canal. (*See* Historical Magazine, Mar., 1864, 8:114-115.) Built in Orange County between 1728 and 1760 by Governor Colden.
- Dickson, J. M.: The Goodwill memorial; or, The first 150 years of the Goodwill Presbyterian Church, Montgomery, Orange County, N. Y. 163 pp., Newburgh, 1880. L. I. Hist. Soc.
- Mills, S. W.: 1737-1878, Reformed Dutch Church of Deerpark, Port Jervis, N. Y. Historical discourse read at the opening of the memorial chapel, Oct. 22, 1878. 64 pp. Port Jervis, 1878.
- MacIise, D. M.: The former days; A historical discourse regarding the Goodwill Presbyterian Church, Montgomery, N. Y., delivered on New Year's Day, 1865, in commemoration of the one hundred and twenty-fifth anniversary of the settlement of the first pastor of the church. 1865. 31 pp. New York, Providence Pub. Lib.

- New Windsor Presbyterian Church. Record of baptisms, marriages, and births, entered by the Rev. John Close [1764-1796]. (*See* Historical Society of Newburgh Bay and the Highlands. Papers, 1896, pp. 9-31.) New York State Lib.
- Report of the committee (of the American Scenic and Historic Preservation Society) on the Stony Point Reservation, *in* the report of the society, 1900, pp. 75-84, with 3 maps. (A)
- Return of the Ninth Massachusetts Regiment (MS, belonging to P. V. M. A., Deerfield, Mass.), dated: Verplanks Point, Aug. 4, 1780; Orangetown, Aug. 10, 18, 1780; Teneck, Aug. 25, Sept. 1, 1780; Camp Steenrapie, Sept. 8, 15, 1780; Orangetown, Sept. 22, 29, Oct. 6, 1780; Totaway, Oct. 13, 20, 27, Nov. 3, 10, 17, and 24, 1780.
- Orderly book [presumably of one of the regiments of the Massachusetts Brigade] from Aug. 27 to Nov. 9, 1780. Headquarters order, Orangetown, Sept. 26, 1780, announces Arnold's treason (printed on pp. 226 and 229, *Life of N. Greene*, vol. 2). Oct. 1, 1780, the Board of General Officers decides that André was a spy and that he ought to suffer death. MS, property of the P. V. M. A. of Deerfield, Mass. (A)
- Hunt (Freeman): Letters about the Hudson River and its vicinity, by a citizen of New York. New York, 1836, 1 vol., 39.
- Eager (S. W.): Outline history of Orange County, N. Y., with an enumeration of the names of its towns, villages, rivers, and creeks. Newburgh, 1846-47. 652 pp.
- Papers relating to the palatines and to the first settlement of Newburgh, Orange County. (Documentary history of the State of New York) 1849-1851, 3:539-607; 1850-51, 3:325-364.
- Niven (A. C.): The centennial memorial; a record of the one hundredth anniversary of the A. R. Presbyterian Church of Little Britain, together with a sketch of the Clinton family. New York, 1859, 251 pp.
- Ruttenber (E. M.): History of the town of Newburgh. Newburgh, 1859, 322 pp. Biographic and genealogic sketches, pp. 259-322.
- Denniston (Goldsmith): Survey of Orange County, N. Y. 103 p., Alb., 1863. Extracted from transactions of New York State Agricultural Society, 1862. Early history and settlement, pp. 5-19.
- Riotous proceeding in Blooming Grove, Orange County, in 1772. *See* Historical Magazine, June, 1862, 6:189-190.
- Stickney (C. E.): History of the Minisink region, which includes the present towns of Minisink, Deerpark, Mount Hope, Greenville, and Wawayanda, in Orange County, N. Y., from their organization and first settlement to the present time; also including a general history of the first settlement of the county. Middletown, N. Y., 1867, 211 pp.
- Howe, J. F.: Dutch Church at Montgomery, N. Y. (*See* American Historical Record, January, 1873, 2:21-24.)
- Beach, Lewis: Cornwall, 200 pp. Newburgh, 1873.
- Howe, J. F.: St. David's Parish, Orange County, N. Y. (*See* American Historical Record, May, 1874, 3:195-198.)
- Ruttenber, E. M.: History of Newburgh (*see* his History of the County of Orange, 1875, pp. III-420).
- Ruttenber, E. M.: History of the county of Orange; with a history of the town and city of Newburgh, general, analytical, and biographical. 424 pp., Newburgh, 1875. [Almost the same as his History of Newburgh.]
- Ruttenber, E. M.: Historical sketch of Newburgh, N. Y. (*See* Carter's Centennial City and General and Business Directory of the city of Newburgh, N. Y., for the year 1876, pp. 9-56.)
- Ruttenber, E. M., and Clark, L. H.: History of Orange County (Local History New Windsor), N. Y., with illustrations and biographical sketches of many of its pioneers and prominent men, 820 pp., Philadelphia, 1881.
- Brodhead, Edgar: [Orange County, N. Y.] Picturesque corner of three states; a chapter of Indian history and tradition. (*See* Magazine of American History, October, 1883, 10:267-283.)
- Gumaer, P. E.: History of Deerpark, in Orange County, N. Y., 204 pp. Port Jervis, 1890. Published by the Minisink Valley Historical Society.
- Fowler, R. L.: Historic houses and revolutionary letters. (*See* Magazine of American History, August, 1890, 24:81-100.) Ellison House, New Windsor, Orange County.
- Emery, Rufus: Church of England in Newburgh and vicinity previous to the Revolution. (*See* Historical Society of Newburgh Bay and the Highlands. Papers, 1896, pp. 38-46.) New York State Lib.
- Skeel, Adelaide: Newburgh, the palatine parish of Quassaick. (*See* Powell, L. P. ed. Historic Towns of the Middle States. 1899, pp. 107-135.)

BIBLIOGRAPHY OF THE UNITED STATES MILITARY ACADEMY, 1723-1902.

[Arranged chronologically.]

[NOTE.—(A) signifies that the book cited is in the library of the United States Military Academy, (C) indicates that the book cited is a Congressional document, most of which are owned by the Academy.]

Maps, views, etc. See Maps, Views, etc., under West Point.

1723-1861. Boynton (Capt. Edward C.): History of West Point and its military importance during the American Revolution, and the origin and progress of the U. S. Military Academy . . . xviii + 408 pp. New York, 1861, 1863, 1871. 1 vol. 8°. (A)

1723-1889. Report on West Point and U. S. Military Academy. 120 typewritten folio pages, by Lieut. Col. C. W. Williams, Quartermaster, U. S. Military Academy, 1875. Copy from the Letter Book of Quartermaster U. S. Military Academy, November, 1889, pp. 77-197, 213-219. (A)

1774 et seq. References will be found at the opening of Amer. State Papers, Military Affairs, Vol. I, marked by the following pages: 46, 109, 111, 112, 125, 129, 135, 137, 143, 145, 175, 177, 185, 191, 223, 229, 247, 249, 265, 267, 315, 317, 325, 383, 385, 393, 425, 435, 515, 605, 627, 629, 663, 671, 779, 785, 787, 801, 803, 811, 813, 815, 817, 821, 827, 829, 835, 837, 839, 841. (A)

———— Vol. II, marked by the following pages: 5, 7, 37, 39, 49, 51, 53, 55, 65, 67, 75, 77, 79, 81, 83, 87, 139, 157, 191, 195, 239, 241, 277, 339, 349, 351, 353, 355, 367, 381, 385, 387, 419, 455, 461, 517, 523, 559, 569, 579, 615, 621, 625, 633, 635, 645, 648, 655, 663, 679, 699, 707, 714, 717, 719, 839, 846. (A)

———— Vol. III, marked by the following pages: 102, 109, 115, 140, 143, 144, 186, 211, 218, 223, 227, 252, 280, 358, 370, 372, 575, 628, 637, 673, 674, 795, 803, 807, 810, 816, 819. (A)

———— Vol. IV, marked by the following pages: 9, 12, 23, 40, 67, 80, 152, 159, 169, 177, 179, 263, 307, 333, 364, 585, 592, 603, 609, 673, 677, 683, 709, 732, 736, 740, 811, 843, 845, 870. (A)

———— Vol. V, marked by the following pages: 14, 19, 36, 54, 60, 81, 83, 91, 93, 96, 99, 100, 104, 147, 151, 171, 177,

190, 195, 211, 253, 291, 294, 307, 347, 366, 368, 395, 418, 455, 620, 624, 629, 636, 661, 665, 704, 739. (A)

———— Vol. VI, marked by the following pages: 47, 48, 50, 53, 128, 223, 225, 227, 231, 232, 239, 264, 266, 284, 362, 796, 813, 823, 856, 859, 900, 903, 904, 907, 908, 967, 1017, 1023. (A)

———— Vol. VII, marked by the following pages: 1 to 108, 594, 643, 644, 708, 712, 715, 717, 718, 720, 898, 940, 945. (A)

1775-1866. Organization of the Corps of Engineers. In Legislative history of the General Staff of the Army, U. S. A., pp. 485 *et seq.* (A)

1776, June 2. John Adams to Henry Knox: Refers to Knox's suggestion of May 16 for establishing military academies. Adams's Life and Works, vol. 9, p. 384. (A)

1776, September 15. John Adams to Henry Knox: "I wish we had a military academy, and should be obliged to you for a plan of such an institution." Adams's Life and Works, vol. 1, p. 257. (A)

1776, September 23. In a letter of this date Gen. Henry Knox writes to his brother: "We ought to have academies in which the whole theory of the art of war shall be taught," etc.

1776, September 25. General Knox writes to John Adams: "Military academies must be instituted at any expense. We are fighting against a people well acquainted with the theory and practice of war—brave by discipline and habit." Knox Papers, vol. 3, p. 52, at N. E. H. G. Soc., Boston.

1776, September 27. Henry Knox submits: "Hints to Congressional committee now in camp headquarters, Harlem Heights, advocating the establishment of a military academy nearly on the same plan as that of Woolwich." Boynton's History of West Point, p. 177. (A)

- 1776, October 1.** The Board of War, on the motion of John Adams, "*Resolved*, That a committee of five be appointed to prepare and bring in a plan of a military academy at the army." Amer. Archives, vol. 2, p. 1383. (A)
John Adams made the motion, was a member of the committee, and wrote on the same day to General Knox to notify him that the committee was appointed and to ask his sentiments. Adams's Life and Works, vol. 3, p. 85. See p. 86. (A)
- 1776-1887.** Critical history of the Military Academy, with copious citations from original documents. In Logan (J. A.): *The Volunteer Soldier in America*, pp. 157-158. (A)
- 1776-1902.** MSS. relating to U. S. Military Academy, 1776-1902, collected and copied under the direction of Edward S. Holden, 1901-2, 4 vols., 4°. (A)
- 1777, June 20.** Resolution of Congress providing for "a Corps of Invalids [veterans] to serve as a military school for young gentlemen previous to their being appointed to marching regiments." This was the Military Academy at the Army. (A)
— The officers of the Corps of Invalids were, by law, obliged to contribute one day's pay in every month toward the formation of a library for the Military Academy at the Army. Journals of Congress, vol. 3, p. 204. (C)
- 1777, July.** The Invalid Corps organized at Philadelphia by Col. Lewis Nicola. The corps is intended as a school for propagating military knowledge and discipline. Journals of Congress, vol. 3, pp. 230-232. (C)
- 1777, August 5.** Letter of Chevalier Floberque de la Rocatelle to General Washington proposing the establishment of a military school to train cadets of 16 to 18 years as artillerymen and engineers in the U. S. Army, copied by Capt. H. M. Reeve, U. S. Army, from the original in the Library of Congress. MS. letters to Washington, vol. 6, p. 208.
- 1777-1784.** History of Colonel Nicola's Invalid Regiment (the Military Academy at the Army), with rosters. Pennsylvania in the Revolution, vol. 2, pp. 259-283. (A)
- 1778, January 28.** General Washington recommends to Congress the organization of engineer troops. Gen. Lewis Duportail, of the corps of engineers of the French army, was at this time chief engineer, and Washington was following his advice in this matter.
- 1778, May 27.** Act of Congress; organizes engineer troops. (A)
- 1778, winter.** General Knox established a military academy at the camp at Pluckemin, N. J. Brooks: Henry Knox, p. 130. (A)
- 1778.** Fort Putnam built (14 guns; garrison 450 men); it was dismantled 1787; rebuilt 1794.
— Fort Clinton built by Kosciusko. Its name was Fort Arnold till 1780.
— Battery Knox built, and rebuilt 1874.
- 1779, March 11.** Act of Continental Congress authorizes the Corps of Engineers. May 11, 1779, fixed the pay, etc., of the Sappers and Miners. (A)
- 177- to 1783.** See "Justification of Lewis Tousard, addressed to the national convention of France, written and published from the bloody prisons of the Abbaye by himself the 24th January, 1793." Philadelphia, 17, 1 vol.
- 1780, June 18.** General Order prescribes buff and blue as the colors of the Engineers and of the Sappers and Miners. The latter had their color changed to red; the Engineer color was always buff.
- 1780, November 19.** The Invalids [veterans?] of the Massachusetts and Connecticut lines arrived at West Point. In 1781 the whole corps arrived by Washington's order. Heath's Memoirs, p. 264. (A)
- 1780.** Barbé-Marbois (F. de): *Complot d'Arnold et de Sir Henry Clinton contre les Etats-Unis*, etc. September, 1780. Paris, 1816. 8°. (A). See West Point, maps, 1780. At this time there was an engineer school, a library, and a laboratory lodged in three buildings at West Point.
— Chastellux, Marquis de: *Travels in North America in the years 1780, 1781, and 1783*; translated from the French by an English gentleman who resided in America at that period; with notes by the translator. 2 vols., London, 1787. [Includes travel in Hudson River Valley, with some account of military operations there and Arnold's treason.] (A)
- 1781, June 13.** The Corps of Invalids to be marched to West Point and there stationed at the request of Washington. Journals of Congress, vol. 7, pp. 98, 99. (A)
- 1781, July 22.** The Invalid Corps [the Military Academy at the Army] is on its way to West Point [detachments had been there since 1778]. St. Clair Papers, vol. 1, p. 553. (A)
- 1782, August 24.** The Tenth Massachusetts Regiment, the Sappers and Miners, and the Corps of Invalids or-

dered to West Point at the request of General Washington. Boynton's General Orders of Washington Issued at Newburgh, pp. 37, 39. (A)

1782, October 29. Return of Corps of Invalids then at West Point; total strength, 20 officers, 1 surgeon, 1 mate, 362 enlisted men. Copied by Capt. H. M. Reeve, U. S. Army, from MS. in the library of the State Dept. (A)

1783, March 3. Copy from Papers of the Continental Congress in the State Dept. Library. Report from Secretary of War [Benjamin Lincoln], who recommends the establishment of 5 arsenals, one at West Point, that a military academy be established at each one, and that officers of ability be sent to command who can superintend the instruction of the pupils. (The same subject is again discussed in a letter to Alexander Hamilton, dated May 1, 1783.) Copied from State Dept. MS. by Capt. H. M. Reeve, U. S. Army. (A)

1783, April 15. Baron Steuben on the peace establishment and on a military academy; a detailed plan for U. S. Military Academy given. Kapp's Life of Steuben, pp. 513 et seq. (A)

1783, April 22. Letter, dated Newburgh, from Timothy Pickering, Quartermaster-General, on the peace establishment declares it if not impracticable, then inexpedient to establish military academies. . . . This letter is printed in Sparks's Life of Washington, vol. 8, p. 417. (A)

— Remarks on a military academy at West Point, given in full, op. cit., vol. 4, p. 431. Life of Timothy Pickering, vol. 1, pp. 461-463. (A)

1783, May 2. General Washington writes from Newburg to Lieut. Col. Alexander Hamilton, chairman of a committee of Congress, his "sentiments on a peace establishment. . . . Fourthly, academics, one or more, for the instruction of the art military, particularly those branches which respect engineering and artillery." . . . The regiment of artillery and the Corps of Invalids will "garrison West Point. The importance of the last-named post is so great as justly to have been considered the key of America. . . . I would propose that provision should be made at some post or posts where the principal engineers and artilleryists shall be stationed for instructing a certain number of young gentlemen in the theory of the art of war" . . . copied by Capt. H. M. Reeve, U. S. Army, from MSS. of Letters received from Washington, A, vol. 7, Library of the State Dept. (A)

1783, May 17. Gen. B. Lincoln recommends (in a letter dated War Office) the establishment of military academies at West Point and at the proposed magazine in Virginia. Cullum MS. (A)

1783, May. A military academy at West Point proposed by General Hutchinson and General Pickering [?] and approved by General Washington. See Boynton's History of U. S. Military Academy, p. 178, and elsewhere. (A)

1783, September 8. Washington's observations . . . (referring to peace establishment) advocating a corps of artilleryists and engineers; the necessity for trained officers. Copied by Capt. H. M. Reeve, U. S. Army. (A)

1783, September 20. General Duportail writes to General Washington: "The necessity of an academy to be the nursery of the [Engineer] Corps is . . . obvious." The plan of organization is given: "A three years' course; ten or twelve students; graduates to be commissioned; three professors of science beside military instructors." Birkhimer's Hist. Sketch U. S. Artillery, pp. 17-19. (A)

1783, September 30. Letter of Brigadier-General Duportail, copied by Capt. H. M. Reeve, U. S. Army, from MS. in State Dept. Library. (Detailed plan for a military academy; professors; a three-years' course; twenty students; graduates to fill vacancies in the Army.) (A)

1783, spring of. Memorial of Capt. Lewis Garenger on a peace establishment. Copied by Capt. H. M. Reeve, U. S. Army, from MS. in the State Dept. Library. (Elaborate plan for military schools proposed.) (A)

1783. Report on a peace establishment—military academies. Life of Hamilton, vol. 2, p. 210. (A)

— Rufus Putnam: Thoughts on a peace establishment requested by General Washington; "West Point . . . here should the art of gunnery, fortification, etc., . . . be taught." Memoirs of Putnam, p. 210.

1784, April (?) Steuben (Baron): "Projet pour l'établissement des académies . . . militaires, etc." Copied by Capt. H. M. Reeve, U. S. Army, from MSS., vol. 38, Library State Dept. Reports of committees of Continental Congress. MS. (A)

1784, December 15. Major L'Enfant to the President of Congress on organization of an engineer corps and the necessity for trained officers. State Dept. MSS., Chap. A, No. 78, vol. 14, pp. 579, 583, 595, 603. (Noted by Capt.

- II, M. Reeve, U. S. Army. *See* Leg. Hist. Gen. Staff, U. S. Army, p. 195.
- 1784, spring of (P).** Report on Department of War by the committee appointed to consider peace arrangements. A. Hamilton: "The Corps of Engineers to consist of one regiment and two battalions of artillery, each battalion of 4 companies, . . . and of a corps of artificers, . . . with 1 professor of mathematics, \$75 per mo.; 1 professor of chemistry, \$75; 1 professor of natural philosophy, \$75; 1 professor of civil architecture, \$75; 1 drawing master, \$75. . . . The committee are of opinion that the effect of [military academies] rarely compensate for the expense; that military knowledge is best acquired in service . . . the professors proposed to be attached to the Corps of Engineers will produce substantially all the utility to be expected from academies, that at all events, institutions of this kind can only be an object of future consideration . . . these five professors are indispensable for the instruction of the officers." Copied by Capt. H. M. Reeve, U. S. Army, from MSS. in the Library of the State Dept. Rept. of Committees of Continental Congress, vol. 38. (A)
- 1786, August 3.** Congress considers the purchase of lands at West Point. Journals of Congress, vol. 11, p. 171. (A)
- 1786-1877.** Laws of Congress relating to West Point and the U. S. Military Academy, from 1786 to 1877. Compiled by Brev. Lieut. Col. Rob. H. Hall . . . 1 vol., 4° (8°), (94 pp.). (A)
- 1789-1901.** United States laws relating to—given in U. S. Compiled Stats., 1901, 3 vols.; index *in* vol. 3, p. 4136. St. Paul, 1901, 3 vols., 8°. (A)
- 1790, January 4.** Act of Congress authorizes the President to buy West Point. [The original act owned by U. S. Military Academy.] (A)
- 1790, January 8.** Message of President Washington suggests the establishment of a military academy. Messages, etc., of the President, vol. 1, p. 65. (A)
- 1790, January 18.** "Adequate institutions for the military education of youth" must be established. Report of General Knox, Secretary of War, approved by President Washington. (A)
- 1790.** Executive messages, reports from the Department of War, and reports of the committees of the House of Representatives since 1790, relative to the Academy. *In* American Quarterly Review, vol. 22, p. 77. (A)
- 1791, October 25.** Message of President Washington advocating the establishment of a military academy. Messages, etc., of the Presidents, vol. 1, p. 107. (A)
- 1793, November 28.** Account of the preparation of President Washington's message referring to a military academy. Washington, Randolph, Knox, and Hamilton favored the recommendation. Jefferson opposed it as unconstitutional. It was retained in the President's message. Jefferson: Works, vol. 9, pp. 182-183. (A)
- 1793, November.** Jefferson's account of the cabinet meeting that discussed Washington's proposal to found a military academy. Ford's Writings of Jefferson, vol. 1, p. 270. (A)
- 1793.** Timothy Pickering as Secretary of War, selected scientific foreign officers to be connected with the school at West Point. Upham's Life of Pickering, vol. 3, p. 258. (A)
- 1793-1837.** Constitutional objections to a military academy stated and examined. Amer. Quar. Rev., vol. 22 (1837), p. 101. (A)
- 1793 1846.** Brief history of West Point and the military school there. *In* Eager's History of Orange County, N. Y., pp. 578-584, 586-597. (A)
- 1793-1902.** The Hudson River from ocean to source. N. Y., 1902, O. Chap. XXIII, pp. 370-378. (A)
- 1794, May 9.** Act of Congress organizing a corps of artilleryists and engineers, each company to have two cadets with the pay, etc., of a sergeant. (A)
- Act of Congress creates the grade of cadet (2 cadets to each company of artilleryists and engineers). None were appointed till May 12, 1800, and only 9 before March 16, 1802. [Twelve cadets of the service were at West Point in 1801, not all of artilleryists and engineers.] The law of Apr. 12, 1808, authorized 156 additional cadets and that of Jan. 11, 1812, provided 64 more, making a total of 310, which was reduced to 260 by the law of Apr. 29, 1812. Rept. Supt. U. S. Military Academy, 1896, p. 122. (A)
- 1794 1796.** In 1794, at the recommendation of General Washington, a military school was commenced at West Point . . . and its building was burned in 1796. Park's Sketch of West Point, p. 140. (A)
- 1794-1802.** *See* Ellery (H.): The Memoirs of Gen. J. G. Swift, 1 vol, 1890, 4°. (A)

- 1795, September 28.** Record of clothing issued to a cadet on this date and subsequently; Jan. 10, 1796, a padlock issued for "instruction room." West Point Clothing Account Book, 1793. (A)
- 1795.** Cadets of the artillerists and engineers sometimes commanded companies. West Point Ordnance Waste Book, No. 4, Nov. 9, 23, 1795. (A)
- 1795-96.** Cadet James Triplett, Nov. 5 to Dec. 1, 1795; Cadet Philip Landais, Nov. 10, 1795, to Sept. 10, 1796; Cadet Philip Rodriguez, Jan. 8, 1796, all became lieutenants Dec. 19, 1796. These are the only cadets of the Corps of Artillerists and Engineers mentioned in the Clothing Account Books, 1795-1799. (A)
- 1796, February 3.** On a school for cadets. Life of T. Pickering, vol. 3, p. 146. *See also* p. 256. (A)
- Foreign officers were selected for duty at West Point with special reference to their fitness as instructors [by Secretary of War Pickering]. Amer. State Papers, vol. 1, p. 113. (A)
- 1796, February 10.** Officers of the Corps of Artillerists and Engineers to attend in "the study room" from 11 to 12 a. m. and 4 to 5 p. m. The first lecture on the theory of fortification. The text-book is Muller's. The afternoons will be devoted to drawing the plans. Mr. Warren, temporary engineer, will explain the principles of drawing. The senior officer present will be the moderator and preserve order. Orderly Book, Corps of Artillerists and Engineers. Twenty-six officers and 3 cadets in the garrison. (A)
- 1796, February 29.** "To-morrow afternoon the officers are required to attend the instruction room to meet with the adjutant of the corps upon the baron's [Steuben's] regulations." Order of Lieutenant-Colonel Rochefontaine, in Orderly Book, Corps of Artillerists and Engineers, at West Point. (A)
- 1796, March 3.** Black lead pencils and drawing paper will not be issued except for use in the "study room." March 12: The sergeants and corporals will attend lectures by the adjutant at the "instruction room" on every part of their duty. The officers will attend lectures on the theory of fortification in the "instruction room" three mornings a week and on military duty three afternoons weekly. Orderly Book, Corps of Artillerists and Engineers. (A)
- 1796, March 12.** Tuesdays, Thursdays, and Saturdays the officers will meet in the "instruction room" to attend lectures on the theoretical part of fortification and in the afternoon on military duty. Orderly Book, Corps of Artillerists and Engineers. (A)
- 1796, March 28.** To-morrow at 10 a. m. the officers will meet at the "instruction room" to copy plans of fortification drawn after Muller. Captain Finiel, temporary engineer, sent to this garrison by the Secretary of War, will assist the officers. At 4 p. m. continuation of the lectures on Baron von Steuben's regulations. Orderly Book, Corps of Artillerists and Engineers, West Point. (A)
- 1796, April 28.** The officers' barracks destroyed by fire shortly before this date. The Secretary of War desires that the instruction of officers be continued daily. A board is appointed to select a study room. Tents will be set up for officers and men in front of the barracks. Orderly Book, Corps of Artillerists and Engineers. (A)
- 1796, December 7.** Hamilton's first draft of President Washington's message to Congress recommends a military academy. Hamilton's Works, vol. 7, p. 612. (A)
- 1796.** General Pickering's suggestion of a military school. Amer. State Papers, Military Affairs., par. 6, vol. 1, p. 113. (A)
- 1797, June 20.** Four lieutenants will be instructed in the use of field pieces, howitzers, etc., by the captains of the garrison at West Point in turn. Order of the lieutenant-colonel, commandant. Orderly Book No. 3, Artillerists and Engineers. (A)
- 1798, April 27.** Act of Congress providing for an additional regiment of artillerists and engineers with more cadets; books and apparatus to be provided for their use. (A)
- 1798, June 5.** Alexander Hamilton to the Secretary of the Treasury (Wolcott): "Further measures advisable to be taken without delay . . . to establish an academy for military and naval instruction. This is a very important measure and ought to be permanent." Hamilton's Works, vol. 6, p. 295. (A)
- 1798, July 16.** Act of Congress: Pay of cadet, \$10 per month and 2 rations per day; 4 teachers authorized. (A)
- 1798, July 31.** Garrison order convening a general court-martial and detaching Cadet Cross as judge-advocate. MS. (A)
- 1798, August 3.** Cadet Cross is acting judge-advocate of garrison court at West Point. Orderly Book No. 4, Corps Artillerists and Engineers. (A)

- 1798, August 10.** The quartermaster issues to Cadet Cross of the Corps of Artillerists and Engineers, 1 musket, 1 bayonet, 1 sword belt, 1 cartridge box and belt (new), 1 bayonet scabbard. Quartermaster's Waste Book. (A)
- 1798, December 31.** Cadets appointed as standard bearers and the grade of ensign abolished. Amer. State Papers, vol. 1, p. 125. (A)
- 1798-1821.** Changes in the organization of the artillerists and engineers summarized—Haskins: The First Regiment of Artillery, U. S. Army; pp. 13, 14.
- 1799, January 9.** Uniform of the U. S. Army, prescribed by the Secretary of War. Cadets to wear the uniform of a captain except that in place of epaulettes they wear a silver strap on the right shoulder. Orderly Book, 1798-99, Artillerists and Engineers at West Point. (A)
- 1799, March 3.** Act of Congress provides for cadets of artillery, infantry, and cavalry and prescribes their pay. (A)
- 1799, March, April, and May.** The garrison of West Point was composed of 2 companies of the First and Second Regiments of Artillerists and Engineers. Total present for duty about 180. Returns Div. R. and P. O.
- 1799, June 24.** John Adams to the Secretary of War in regard to Count Rumford's appointment to be Superintendent U. S. Military Academy. Adams's Life and Works, vol. 8, p. 660. (A)
- 1799, July 7.** John Adams to the Secretary of War regarding a plan of Alexander Hamilton's which had been forwarded by McHenry for a military academy. Adams's Life and Works, vol. 8, p. 662. (A)
- 1799, September 8.** The superintendency U. S. Military Academy, offered to Count Rumford. Life of Rufus King, vol. 2, p. 574; vol. 3, pp. 102-104. (A)
- [The superintendency of the U. S. Military Academy was offered to Count Rumford in 1799 and declined.] See Ellis: Life of Count Rumford, 1871, 1 vol., 8°. See especially pp. 352, 353, 354. (A)
- 1799, November 23.** Alexander Hamilton to McHenry, Secretary of War: Complete plan for a military academy proposed (afterwards sent to Congress. See Amer. State Papers, Military Affairs, vol. 1, p. 133). A copy of the plan was sent to Washington Nov. 28; Washington replies Dec. 12. Hamilton's Works, vol. 5, pp. 378, 383, 387. (A)
- 1799, December 12.** General Washington's continuous advocacy of a military academy, in a letter to Hamilton. Writings of Washington, vol. 14, p. 241. (A)
- 1799.** Alexander Hamilton to Dayton (Speaker House of Representatives): "... the institution of a military academy will be an auxiliary of great importance" to the Army. Hamilton's Works, vol. 6, p. 386. (A)
- 1800, February 13.** Report of Secretary of War to House of Representatives, Feb. 13, 1800, as to expenses of military schools. Amer. State Papers, Military Affairs, vol. 1, p. 142. (A)
- 1800, July 25.** John Adams to S. Dexter, Secretary of War, respecting a military academy. He is ready to appoint 64 cadets, 4 teachers, and 2 engineers; directs books, instruments, etc., to be bought; thinks the cadets should be instructed at different stations in rotation; that midshipmen should be admitted; asks if Captain Barron and Mr. B. de Pury will do as teachers. Adams's Life and Works, vol. 9, p. 65. See also, p. 76. (A)
- 1800, September 28.** Col. Henry Burbeck, Chief of Artillerists and Engineers, recommends the establishment of a military school. See Gardiner (A. B.): Memoir of Burbeck. (A)
- 1800, November 10.** Fire destroyed every record but one in the War Department, Washington.
- 1800.** Report on military schools. Secretary James McHenry. Feb. 13, 1800. Ex. Docs., 6th Cong., 1st sess., 13 pp. The plan was Alexander Hamilton's. See Boynton's History of West Point, p. 188; Amer. State Papers, Military Affairs, vol. 1, pp. 133, 185; also Hamilton's Works, vol. 5. (C)
- Message on the Military Academy, President John Adams. Jan. 14, 1800. State papers; Military Affairs, vol. 1, pp. 133-141, 6th Cong., 1st sess. (The plan was Alexander Hamilton's.) (C)
- 1800-1833.** See Cullum (G. W.): The early history of the U. S. Military Academy. In his Biog. Register, vol. 3, pp. 465-672. (A)
- 1800-1837.** Reports of the Secretary of War (which usually refer to the U. S. Military Academy) in the Amer. State Papers, Military Affairs, for 1800, 1810, 1819, in vol. 1; for 1824, in vol. 2; for 1825, 1826, 1827, in vol. 3; for 1828,

- 1829, 1830, 1831, in vol. 4; for 1832, 1833, 1834, 1835, in vol. 5; for 1836, in vol. 6; for 1837, in vol. 7. (A)
- 1801, January 6.** Mr. George Barron appointed teacher of arts and sciences; dismissed Feb. 11, 1802. He acted as professor of mathematics, had been a colleague of Hutton, and introduced the Woolwich methods of instruction at West Point. Swift's Memoirs. (A)
- 1801, March 3.** The President orders the appointment of 9 cadets in the Corps of Artillerists and Engineers. War Dept. Military Book No. 1.
- 1801, April 14.** Instructions to Lieut. Col. Commandant L. Tousard from Secretary of War. He is inspector of artillery from May 26, 1800. West Point is to be his permanent residence. "When you shall not be otherwise necessarily employed . . . you will give all the assistance in your power in the instruction of such officers and cadets as may be at West Point." War Dept. Military Book No. 1.
- 1801, April 15.** Letter from Secretary of War (Dearborn) to commanding officer, West Point. It is in contemplation to establish a military school at West Point. War Dept. Military Book No. 1.
- 1801, May 1.** Colonel Tousard is inspector of artillery and is stationed at West Point, but does not command the post. Returns Div. R. and P. O.
- 1801, May 12.** Secretary of War to General Wilkinson. The President has decided on the immediate establishment of a military school at West Point. Major Jonathan Williams is to be inspector of fortifications. He is to be at West Point to direct the necessary arrangements for the commencement of the school. War Dept. Military Book No. 1.
- Letter from Secretary of War to Captain Fleming. Asks a report on the public buildings at West Point to accommodate . . . 1 teacher of mathematics, 1 practical teacher of gunnery, and rooms for 20 or 30 pupils; and for an estimate for a wooden 2-story building 30 by 20 feet, finished in a plain manner, the whole of each story to be in one room [the Academy]. War Dept. Military Book No. 1.
- 1801, May 24.** Captain Fleming reports to the Secretary of War on the buildings at West Point. [The report is not in War Department files so far as is known.]
- 1801, May 26.** Secretary of War to Captain Fleming. Orders work on the quarters at West Point . . . for officers and for 25 cadets. War Dept. Military Book No. 1.
- 1801, June 12.** Secretary of War to General Wilkinson. The necessity for Major Jonathan Williams to be at West Point earlier than Oct. 1 is not urgent. War Dept. Military Book No. 1.
- 1801, July 2.** Lieutenant Worrell and all cadets in the service except J. B. Wilkinson to repair to West Point by the first part of September. By order of Secretary of War. War Dept. Military Book No. 1.
- 1801, July 20 [?].** The Secretary of War [Dearborn] orders all cadets of artillerists to West Point, details Major Jonathan Williams as Superintendent of the school, and Lieutenant-Colonel Commandant Tousard to supervise its organization. Gardiner (A. B.): Life of Henry Burbeck.
- 1801, October 19.** Letter of Secretary of War to Major Cushing, commanding West Point. Mr. Baron has written that some subalterns ordered to West Point for the purpose refuse to receive the instruction offered them by the wisdom of the Government. Such conduct must cease. War Dept. Military Book No. 1.
- 1801, October 30.** Letter of Secretary of War to Cadet Swift. He must apologize to Mr. Baron or be dismissed the service. War Dept. Military Book No. 1.
- 1801, October.** The 12 cadets at West Point were taught as one class. The academic hours were 8 to 12 a. m. Prof. George Baron taught Hutton's Mathematics by blackboard methods. Baron had been a teacher at Woolwich. Swift's Memoir, p. 27. (A)
- 1801, November 10.** Lieut. James Wilson [Engineers] ordered to West Point by Secretary of War to attend the military school. War Dept. Military Book No. 1.
- 1801, November 16.** Letter of Secretary of War to Cadet Swift respecting his misunderstanding with Mr. Baron. War Dept. Military Book No. 1.
- 1801, November 19.** Secretary of War to Lieut. S. Worrell. His excuses for not attending the Military Academy are not sufficient. The instruction is indispensable to an artillerist. "It is a duty to your country to improve this opportunity." War Dept. Military Book No. 1.
- 1801, December 2.** Cadets are placed under the immediate direction of the Superintendent. No officer of the garrison will give orders to them. No person attached to the school is to be borne

- on garrison returns. Secretary of War in War Dept. Military Book No. 1.
- 1801, December 5.** Letter of Secretary of War to Cadet Swift in quarrel with Mr. Baron. Swift must apologize and must lodge with the other cadets or quit the service. War Dept. Military Book No. 1.
- 1801, December 14.** Letter of Secretary of War to Jonathan Williams. He is appointed inspector of fortifications and is to repair to West Point and to take the superintendence of the Military School at that post. War Dept. Military Book No. 1.
- 1801, December 18.** Letter of Secretary of War to Maj. Jonathan Williams respecting serious charges against Mr. Baron, teacher of mathematics. War Dept. Military Book No. 1.
- 1801, December 24.** Secretary of War incloses a cadet's warrant for the son (then aged 10 years) of the late Major Lillie. He is to be immediately entered in the Military School at West Point. War Dept. Military Book No. 1.
- 1801.** Williams (Jonathan): *Elements of Fortification*, translated from the French, second edition, printed for the war office, n. p., 1801, pp. 51, 6 plates. (Text-book.) (A)
- See E. L. Pierce: *Life of Maj. John Lillie*, 1896, 1 vol., 8°, pp. 31, 122, etc. [Major Lillie was captain Second Regiment, Artillerists and Engineers, and from May to Sept. 22, 1801, he commanded at West Point. His monument in the U. S. Military Academy cemetery recites that he was "an active agent in founding the Military Academy, 1801."] (A)
- "The building for the Academy was put in order by [Maj. John Lillie]. It was about as large as a country school-house . . . the seats and forms were painted green." Pierce (E. L.): *Maj. John Lillie, 1755-1801*, pp. 31. (A)
- See Gardiner, Asa Bird: *Memoir of Bvt. Brig. Gen. Henry Burbeck, "Founder of the U. S. Military Academy"* . . . New York, 1883, ill., 4°. (A)
- 1801-1805.** Extracts from the journal (1830) of John Lillie (appointed cadet at the age of 10 years 7 months): "The Military Academy was then in its infancy; all order and regulation, either moral or religious, gave way to idleness, dissipation, and irreligion. No control over the conduct of the officers and cadets was then exercised . . . Drunkenness and Sabbath breaking constituted the order of the day, and well it was for me that I left that place of ruin." (A)
- 1801-1805.** See Barnard, J. G.: *Eulogy on the late Gen. Joseph G. Totten*, pp. 6. (A)
- 1801-1844.** Register of the Officers and Graduates of the U. S. Military Academy from 1801 to 1844. New York, 1844, 1 vol., 8°, pp. 36. (A)
- 1801-1848.** A catalogue of the graduates of the U. S. Military Academy, from its establishment in 1801 to June, 1848; giving the present rank of those in service [etc.], together with the regulations for the admission of cadets, and a synopsis of the course of study pursued at that institution. New York, W. H. Graham, 1847, 16°. (A)
- 1801 1902.** Register, Official, of the officers and cadets of the U. S. Military Academy, West Point, N. Y. 1801-1903. (A)
- 1802, January 20.** Secretary of War to Maj. Jonathan Williams respecting 500 copies of *Elements of Fortification* printed. War Dept. Military Book No. 1.
- 1802, February 11.** Secretary of War to Jonathan Williams respecting court of inquiry on Mr. Baron's conduct. Baron's dismissal is forwarded with total disapprobation of his public and private conduct. War Dept. Military Book No. 1.
- 1802, March 9.** Secretary of War grants a leave to Major Williams. Lieutenant Wilson, of the Corps of Engineers, is to take charge of the Military Academy during Major Williams's absence. War Dept. Military Book No. 1.
- 1802, March 16.** Act of Congress provides for cadets of artillery; fixes their pay (\$10) and gives them two rations; organizes a Corps of Engineers consisting of officers and 10 cadets (pay, \$16 and two rations); orders the corps stationed at West Point to constitute a Military Academy. (A)
- 1802, April 13.** Secretary of War notifies Jonathan Williams that the President has appointed him major of engineers. War Dept. Military Book No. 1. (Barron appointed captain, and Dransey, lieutenant, same date.)
- 1802, April.** The Academy opened under Capt. W. A. Barron. The course of study was Hutton's Mathematics, Enfield's Natural Philosophy, Vauban's Fortification, Schœl's Artillery, and practical surveying. Examinations were held in September. Swift's *Memoirs*, pp. 35-36. (A)
- 1802, May 4.** Secretary of War notifies Jared Mansfield of his appointment as captain of engineers and hopes he will not decline it. War Dept. Military Book No. 1.

- 1802, May 8.** Capt. W. A. Barron is to repair to West Point [for duty as professor of mathematics, 1802-1807]. War Dept. Military Book No. 1.
- 1802, May 26.** Leaves authorized by Secretary of War to Cadets H. B. Jackson, Samuel Gates, William Gates. In future all furloughs to cadets to be applied for to Major Williams. War Dept. Military Book No. 1.
- 1802, June 7.** Secretary of War orders Capt. Jared Mansfield to West Point. War Dept. Military Book No. 1.
- 1802, June 8.** Secretary of War notifies that John Livingston is appointed a cadet in the artillery [N. B.] and will report to Major Williams, Superintendent of the Military School. War Dept. Military Book No. 1.
- 1802, July 5.** Regulations for West Point by Secretary of War. Copy in Proc. General Court-Martial, MS., p. 172. (A)
- 1802, July 9.** Secretary of War to Colonel Williams directing him to form a library and a collection of instruments for U. S. Military Academy. War Dept. Military Book No. 1.
- 1802, July 28.** Letter of Secretary of War to Colonel Williams. Cadets Osborn [should be Swift], Armistead, and Levi to be attached to Corps of Engineers. In re North's claim. Repairing large barracks. War Dept. Military Book No. 1.
- 1802, July 29.** Secretary of War to Colonel Williams inclosing regulations for the post at West Point, one copy to be delivered to the superintending officer of the Academy. War Dept. Military Book No. 1.
- Regulations for the post of West Point. Cullum, MS. (A)
- 1802, September 6.** Secretary of War to Colonel Williams in re repairs, etc. Cadets to have waiters (enlisted men), one to a mess of at least four. War Dept. Military Book No. 1.
- 1802, September 28.** "Lent, on a desire of Captain Izard, six carbines for the use of the young cadets." Quartermaster's Waste Book, West Point, MS. (A)
- 1802, November 6.** Secretary of War to Colonel Williams. The value of a ration for the next year is 11 cents. War Dept. Military Book No. 1.
- 1802, November 12.** *The Military Philosophical Society* was formed. Its place of meeting was to be the U. S. Military Academy. Swift's Memoirs, p. 37. (Its constitution in the frames in library U. S. Military Academy.) See May, 1808. (A)
- 1802, December 3.** Secretary of War to Colonel Williams. His purchase of instruments for U. S. Military Academy, \$43.51, is approved. He forwards sample of uniform for Corps of Engineers. It is perhaps too expensive, but is approved and will be adopted. Vacation for cadets ordered from Dec. 1 to Mar. 15. War Dept. Military Book No. 1.
- 1802-3 and 1805-1812.** The punishments for cadets were confinements (arrests), etc. Court of Inquiry, March, 1816.
- 1802-1812.** The largest number of cadets at the Academy at any one time was 36 and the average about 20. The term was usually April to November. Rept. Supt. U. S. Military Academy, 1896, p. 123. (A)
- 1802-1813.** Capt. J. A. Mansfield, Corps of Engineers, acting professor of mathematics 1802-3; Capt. W. A. Barron, Corps of Engineers, ditto, 1802-1807. The text-book was Hutton's Mathematics. F. R. Hassler, acting professor 1807-1809, assisted by Lieut. Alden Partridge, Corps of Engineers. The latter was assistant professor and professor 1806-1813. Rept. Supt. U. S. Military Academy, 1896, pp. 39-41. (A)
- 1802-1815.** See Cullum (G. W.): Campaigns and engineers of the war of 1812-1815, *passim*. (A)
- 1802-1816.** Between these dates and probably later the corps of cadets was frequently styled "the gentlemen cadets." Partridge and other MSS. (A)
- 1802-1821.** Letters of cadets who have left the Military Academy. Originals in A. G. O., O. M. A.
- Register of the officers and graduates of the U. S. Military Academy from 1802 to 1831, 1 vol., 4°, pp. 16. (A)
- The total expense of the institution 1802-1821 is \$808,545; average cost of each of the 283 graduates who have been commissioned is \$2,222. Rept. Board of Visitors, 1821, p. 69. (A)
- 1802-1822.** Register of cadets who have graduated at the U. S. Military Academy and received commissions in the Army of the United States from June, 1802, to July, 1822, inclusive, 1 vol., 4°, pp. 8. (A)
- 1802-1825.** Register of graduates of the U. S. Military Academy who have been commissioned in the Army of the United States from June, 1802, to July, 1825, inclusive, 1 vol., 4°, pp. 10. (A)

- 1802-1826.** There was no hospital for cadets during these years. Rept. Board of Visitors, 1826, p. 176. (A)
- 1802-1828.** Letter from the Secretary of War . . . in relation to the expenditures at the Military Academy at West Point from . . . 1802 to [1828]. House Doc. No. 194, 20th Cong., 1st sess., 8 pp. (A)
- 1802-1833.** Cullum (G. W.): The early history of the U. S. Military Academy. *In* his *Biog. Reg.*, vol. 3, pp. 465-672. (A)
- 1802-1837.** Is the Academy an aristocratic institution? *Amer. Quar. Rev.*, vol. 22, pp. 112-113. (A)
- Report on the history, etc., of the U. S. Military Academy. House Doc. No. 731, 24th Cong., 2d sess. (A)
- 1802-1838.** After Apr. 29, 1812, graduated cadets were required to serve five years as officers; this was extended to eight years on July 5, 1838.
- 1802 to 1844, June 30.** Total cost of U. S. Military Academy, \$4,002,901.25. Annual expense (1844), \$116,500 (about). General Totten's report on p. 159, Abstract of Letters Sent, Office Military Academy, Adjutant General's Office, and *ibid.*, Feb. 26, 1844.
- 1802-1845.** The pay of cadets, \$16 and two rations=\$28. Mar. 3, 1845, an act of Congress fixed the pay at \$24 per month. Mar. 3, 1857, an act of Congress fixed the pay at \$30. (A)
- 1802-1846.** Table of the number of cadets received and graduated at U. S. Military Academy from the different States; list of officers of volunteers in the Mexican war who are graduates. Report Board of Visitors, 1847. (A)
- 1802-1847.** Statistics of graduates, 1802-1847; tables. Whole number, 1,365; killed in battle, 68; civil occupations; military services—killed in war with England, 10; in Florida war, 12; in Mexican war, 46; brevets for gallantry, etc., 81. Report Board of Visitors, 1848, pp. 294-296. (A)
- 1802-1861.** Proportion of graduates to number of cadets entering: 1802-1811, 0.606; 1812-1821, 0.289; 1822-1831, 0.377; 1832-1841, 0.472; 1842-1851, 0.510; 1852-1861, 0.523. Boynton's History of West Point, p. 281. (A)
- Table giving the number of cadets admitted from the non-slave-holding States (total number, 2,278) and from the slave-holding States (1,819) in the years 1802-1861. *In* Logan: *Volunteer Soldier in America*, p. 245. (A)
- Brief biographies of the heads of the classes graduated at U. S. Military Academy, 1802-1861. *In* the *Volunteer Soldier of America*, pp. 443-445. (A)
- 1802-1863.** Total appropriations by Congress for the support of U. S. Military Academy, 62 years, \$7,133,235.70. Boynton's History of West Point, p. 312 (where details are given). (A)
- 1802-1866.** Book of letters written (all other Military Academy papers transferred to Adjutant-General's Office, Office Military Academy). Records of Engineer Dept., War Dept.
- 1802-1870.** Register of cadets admitted into the U. S. Military Academy from its origin to June 30, 1870, compiled by Bvt. Maj. C. Boynton, adjutant of the Military Academy. Washington, 1870. 1 vol., O. (A)
- 1802-1871.** Boynton, Capt. Edward C., History of West Point, 2d ed., 1871, 1 vol., O., xviii and 416 pp. (A)
- 1802-1876.** Hall, Lieut. Col. Robert H. List of cadets admitted to the U. S. Military Academy till 1876, with tables exhibiting the results of the examinations and the corps to which the graduates have been promoted. Washington, 1876, 1 vol., O. (A)
- 1802-1877.** Memoranda as to the total number of cadets; the number from each State; the number of candidates rejected [by States]; the ratio of graduates to admitted candidates, etc. Report of Board of Visitors, 1877, pp. 395-402. (A)
- 1802-1880.** Abstract from complete Army Register United States, 1779-1880. Register of cadets admitted into the U. S. Military Academy from its establishment till 1880, with tables exhibiting the results of the examinations for admission and the corps to which the graduates have been promoted. Compiled by Bvt. Lieut. Col. Robert H. Hall. Washington, T. H. S. Hamersly, 1880. 1 pl., 189 248 pp., O.
- 1802-1883.** L'académie militaire des Etats-Unis à West Point, par P. S. Michie . . . et J. Forsyth. *Revue internationale de l'enseignement*. Tome 5, 1883, pp. 611 et seq. (A)
- 1802-1886.** Ward, W.: List of cadets admitted into the U. S. Military Academy . . . from its origin till Sept. 1, 1886; with tables exhibiting the results of examinations for admission, and the corps to which the graduates have been promoted. Compiled under the direction of Lieut. W. C. Brown . . . 1 vol., 8°, Washington, 1887. (A)
- Register of graduates, 1802-1886, with an index. *In* Berard, A. B.: *Reminiscences of West Point*, 1 vol., O., 1886. (A)

- 1802-1890.** Teaching of mathematics at West Point; history; anecdotes and descriptions; criticism. Cajori: Teaching and History of Mathematics in the United States, pp. 84-86, 114-127.
- See Rosengarten (J. G.): German soldier in the wars of the United States, 2d ed., Philadelphia, 1890. [List of graduates, U. S. Military Academy, of German descent.]
- Civil occupations of graduates, U. S. Military Academy, 1802-1890. *In* Cullum's Biog. Reg., vol. 3, p. 464; ditto, 1802-1903. *In* Bull. Assoc. Grads. 1903. (A)
- 1802-1892.** [The U. S. Military Academy as a school of technology, etc.], by Professor Riedler. *In* Report U. S. Commissioner of Education, 1892-93, vol. 1, p. 657. (A)
- 1802-1896.** History of all the academic departments, U. S. Military Academy. *In* Rept. Supt. U. S. Military Academy, 1896. (A)
- 1802-1899.** Laws of Congress relating to West Point and the U. S. Military Academy, 1899, 1 vol., O. Same, 1786-1877. (A)
- 1802-1900.** Cullum (Bvt. Maj. Gen. George W.): Biographical register of the officers and graduates of the U. S. Military Academy from 1802 to 1867. Revised edition with supplement containing the register of graduates to January 1, 1879, 3 vols., 8°, New York, 1879. Same, from 1802 to 1890, with the early history of the Academy, 3d ed., New York, 1891, 3 vols., O. (A)
- Roster of officers of the U. S. Military Academy, 1802-1900. *In* Cullum's Biog. Reg., vol. 4, pp. 1-9. List of graduates, with biographies, 1802-1900, vols. 1, 2, 3, 4. (A)
- 1802-1901.** G. B. Davis: The military laws of the United States, Chap. XXXI. Washington, 1901, 1 vol., 8°. [This chapter contains the laws relating to U. S. Military Academy, and its footnotes give data concerning the history of the Academy.] (A)
- Register of cadets admitted into the U. S. Military Academy from its origin to June 30, 1870 (E. C. Boynton); *ibid.*, to Sept. 30, 1876 (R. H. Hall); *ibid.*, to Sept. 1, 1886 (Wm. Ward); *ibid.*, to Sept. 1, 1901 (W. C. Rivers). Washington, 4 vols., O. (A)
- Index to obituaries of graduates. *In* Bulletin No. 1, Assoc. of Grads., 1901, p. 223. (A)
- 1802-1902.** Power of the Superintendent of the Military Academy to make regulations. See Lieber (G. N.): Remarks on the Army regulations, p. 82, note. Washington, 1898, 1 vol., O.
- 1802-1902.** The portraits of 449 graduates or officers, U. S. Military Academy, are owned by the Association of Graduates or by the library (engravings and photographs), beside cadet class albums, 1857-1902 (except 1858, 1860, 1861, 1862, 1867, 1872, 1873, 1874). Index in Bull. No. 3, Assoc. of Grads. (A)
- Cadets promoted and assigned to: Corps of Engineers, 300; topographical engineers, 32; ordnance department, 72; light artillery, 49; artillery, 1,155; light dragoons, 1; dragoons, 136; cavalry, 624; mounted rifles, 35; mounted rangers, 5; infantry, 1,635; rifles, 5; marines, 5; not commissioned, 13; aggregate, 4,067. (A)
- Regulations of the U. S. Military Academy issued: 1802, 1810, 1814, 1821, 1825, 1829, 1832, 1839, 1853, 1857, 1866, 1873, 1877, 1883, 1894, 1902. (A)
- Plans of the most important buildings and works are on file at the drawing academy. [A few of them are mentioned in this catalogue.] (A)
- A list of the text-books in use can be found in Rept. Supt. U. S. Military Academy, 1896, and also in annual cadet registers. (A)
- Brief history of the academic instruction, U. S. Military Academy. *In* Rept. Supt. U. S. Military Academy, 1902, pp. 10-15. (A)
- Civil occupations of graduates, U. S. Military Academy, 1802-1902. *In* Bull. No. 3, Assoc. of Grads. (A)
- Jubilee of the Academy. Notices in newspapers collected in scrapbooks at the library, U. S. Military Academy. (A)
- Official records. MSS. I, in the offices of the adjutant, commandant, treasurer, and quartermaster, U. S. Military Academy; II, in the library; III, in the Adjutant-General's Office, War Dept.; IV, in the Record and Pension Office, War Dept. [no catalogue of the foregoing MSS. can here be given]; V, in the library of the Assoc. of Grads., U. S. Military Academy. (A)
- Obituaries and portraits of deceased graduates are to be found in Annuals Assoc. of Grads., U. S. Military Academy, 1870 to date. Index in Bull. No. 3. (A)
- See the indexes to the annual volumes of the Army and Navy Journal and of the Army and Navy Register. (A)
- Graduates, U. S. Military Academy, total 4,121, have been promoted as follows: Engineers, 307; topographical engineers, 32; ordnance, 72; light artillery, 49; artillery, 1,168; light dra-

goons, 1; dragoons, 136; cavalry, 648; mounted rifles, 35; mounted rangers, 5; infantry, 1,645; rifles, 5; marines, 5; not commissioned, 13. Heitman's Hist. Reg. U. S. Army, vol. 1, p. 141. (A)

1802-1902. The following entries relate to Congressional volumes (serial No.) and documents (doc. No.) (Congressional Documents, Tables and Index, Superintendent of Documents, pp. 475-479.)

	Serial No.	Doc No.		Serial No.	Doc No.
Academic building at, 1888	263	3929	Annual report Board of Visitors (in annual report of Secretary of War) Continued		
Adjutant-General's report relative to, 1843	442	96	1862 (not in Secretary of War's report)	1159	21
Annual report Board of Visitors (in annual report Secretary of War)—			1863, p. 76	1184	1
1825, p. 64	125	2	(Chief of Engineers)		
same	131	1	1864, p. 43 (not in Secretary of War's report)	1230	53
1826, p. 228	141	1	1865, p. 925	1250	1
same	148	2	1866, p. 432	1285	1
1827, p. 6	163	1	(Inspector and Board of Visitors.)		
same, p. 65	169	2	1867, pp. 480, 492	1324	1
1828, p. 57	181	1	1868, pp. 905, 907	1367	1
same, p. 44	184	2	1869, pp. 459, 477	1412	1
1829, p. 100	192	1	1870, pp. 295, 303	1446	1
same	145	2	(Superintendent and Board of Visitors.)		
1830, p. 118	203	1	1871, pp. 423, 435	1503	1
same	200	2	1872, pp. 783, 791	1558	1
1831, p. 93	216	2	(Board of Visitors)		
1832, p. 117	233	1	1872 (special report to House)	1571	14
1833, p. 131	238	1	1873 and 1874 (not issued in Congressional set)		
same, p. 103	254	1	1875, p. 349	1674	1
1834, p. 173	266	1	1876, p. 347	1742	1
same, p. 166	271	1	1877, p. 383	1794	1
1835, p. 205	279	1	1878, p. 447	1843	1
same, p. 200	286	2	1879, p. 421	1903	1
1836, p. 308	297	1	1880, p. 511	1952	1
same, p. 298	301	2	same (not in Secretary of War's report)	1944	18
1837, p. 406	314	1	1881 (not in Secretary of War's report)	1983	14
same, p. 68	321	1	1882, p. 529	2001	1
1838, p. 239	338	1	same (not in Secretary of War's report)	2118	24
same, p. 238	344	2	1883, p. 683	2182	1
1839, p. 222	354	1	1884, p. 811	2277	1
same	363	2	same (with committee reports)	2310	4
1840, p. 143	375	1	1885, p. 839	2399	1
same	382	2	same (not in Secretary of War's report)	2415	63
1841, p. 131	395	1	1886, p. 747	2461	1
same, p. 129	401	2	same (not in Secretary of War's report)	2488	52
1842, p. 268	413	1	1887, p. 751	2533	1
same, p. 260	418	2	same (not in Secretary of War's report)	2516	31
(Chief of Engineers)			1888, p. 913	2628	1
1843, p. 118	431	1	same (not in Secretary of War's report)	2614	3
same, p. 119	439	2	(Superintendent and Board of Visitors)		
1844, p. 100	449	1	1889, pp. 215, 1615	2713	1
same, p. 184	463	1	1890, pp. 217, 1605	2831	1
1845, p. 219	479	1	(Board of Visitors)		
same	480	2	1891, p. 277, 755	2901	1
1846, p. 134	493	1	same (not in Secretary of War's report)	2904	1
same	497	4	1892, p. 155, 673	3077	1
(Board of Visitors)			Appointments at large at	1866	70
1847, p. 629	508	1	same	2752	444
same	515	8	Appropriations for committee report, etc. 1885	2353	322
1848, p. 282	537	1	1887	2399	110
1849, p. 235	549	1	same	2399	135
same	560	5	1888	2500	3491
1850, p. 370	587	1	same	2558	169
same, p. 270	595	1	1890	2673	3623
1851, p. 363	611	1	same	2740	150
same	634	2	same	2800	806
1852, p. 108	659	1	1891	2866	223
same	674	1	1892	2885	3365
1853, p. 180	661	1	1893	2912	363
same	711	1			
1854, p. 128	747	1			
same	778	1			
1855, p. 225	811	1			
same	841	1			
1856, p. 300	876	5			
same	894	1			
1857, p. 197	920	11			
same	943	2			
1858, p. 830	976	1			
same	999	2			
1859, p. 658	1024	2			
1860, p. 274	1079	1			
(Superintendent)					
1861, p. 118	1115	1			

	Serial No.	Doc. No.		Serial No.	Doc. No.
Appropriations for, committee report, etc.—Continued.			Fire at U. S. Military Academy, 1870.	1460	127
1893.....	3042	5	same.....	1513	192
same.....	3044	925	Graduates from U. S. Military Academy, prevention of discharge of, from military service of United States, 1885.....	2265	23
1894.....	3073	1290	number of graduates, U. S. Military Academy, 1812-1842.....	404	194
same.....	3141	2332	pay of graduates, etc., 1882.....	1882	11
Band of U. S. Military Academy, to reorganize, 1800.....	2814	2627	1886.....	2445	3147
Board of Visitors to U. S. Military Academy, amounts paid to, 1817-1827.....	166	128	promotion of graduates.....	506	25
same.....	166	132	same.....	2355	49
Cadets at U. S. Military Academy, appointment of.....	396	42	same.....	2438	1148
same.....	443	220	relief of graduates, 1886.....	2358	382
same.....	446	476	Gymnasium at, appropriation for, 1888.....	2513	138
same.....	1176	6	same.....	2603	2029
change of course of instruction at U. S. Military Academy.....	2888	3747	History of establishment of U. S. Military Academy, etc.....	306	303
expulsion of cadets, investigation.....	621	98	Information regarding U. S. M. A., Land proposed to be purchased by U. S. Military Academy, 1889.....	98	111
increase of number of cadets.....	1464	28	Languages, modern, creation of professorship of.....	2651	104
same.....	134	62	Legislation relative to U. S. Military Academy, proposed.....	1828	47
lists of cadets, etc., 1815-1820.....	621	98	Mathematics, associate professor of, at U. S. Military Academy, appointment of, 1892.....	1330	13
1826.....	36	88	same.....	3105	133
1828.....	134	58	Military reservation, extending the limits of, 1888.....	3140	2306
petition relative to appointments of cadets in the Army, 1885.....	172	167	Mutiny at, committee report on.....	2517	119
plan to compel cadets to remain in military service.....	2333	28	same.....	32	14
reduction of number of cadets, same.....	185	41	same (amendment).....	40	87
Cavalry barracks at, 1881.....	208	76	Operations of U. S. Military Academy, etc., since its establishment, report on.....	40	90
Class of '86, petition of, for legislation to secure appointments in Army to members of said class.....	225	286	Organization, system of discipline, and course of instruction, inquiry into, 1860.....	197	79
Clerks of U. S. Military Academy, 1887.....	1943	58	Organization of, etc., reports on bills for improvement of.....	1089	3
Commissary storehouse at U. S. Military Academy, appropriation for construction of, 1800.....	2296	62	same.....	14	63
Competitive examination for admission to U. S. Military Academy, plan for.....	2482	81	Professors at, payment of certain, 1870.....	263	466
Committee report on U. S. Military Academy.....	2741	91	same.....	1515	266
same.....	1103	64	Register of, 1876.....	1831	69
same.....	70	54	Reports on, 1862-1821.....	1702	125
same.....	400	660	Rules and regulations for government of, etc., 1820.....	68	104
Enlisted men at West Point, quarters of, 1885.....	1982	112	same.....	15	90
Estimates for U. S. Military Academy, 1840.....	2302	109	Sanitary report, 1877.....	36	88
1841.....	365	121	Superintendent of, pay of, 1889.....	1802	28
1841.....	384	103	Sword master at, assistant, appointment of, 1800.....	2741	77
1855.....	807	13	Sword master of, rank of, 1892.....	2700	1127
1856.....	901	18	Vacancies at, 1883.....	3049	1414
Expenditures on U. S. Military Academy, etc., 1820.....	35	61	An additional military academy and school of practice: letter relative to.....	2110	92
1821.....	51	51	Military academy at The Hermitage.....	22	115
1818-1821.....	67	83	Military academy west of Mississippi, 1884.....	1018	153
1823.....	91	50		2175	348
1802-1828.....	173	194			
1837-1840.....	384	105			
1857.....	924	23			

1803, January 1. N. B. After this date no mention is here made of War Department records of appointments of cadets or of minor matters relating to the history of U. S. Military Academy. (E. S. H.)

1803, January 13. Colonel Williams proposes, and the Secretary of War favors, a removal of the Corps of Engineers to Washington. War Dept. Military Book No. 1.

1803, February 28. Act of Congress organizes the department of drawing,

with a "teacher" as head. The professorship was created Aug. 8, 1846. F. D. Masson, teacher of drawing, 1803-1808; C. E. Zoeller, 1808-1810 and 1812-1819; Thomas Gimbrede, 1819-1832; C. A. Leslie, 1833; Robt. W. Weir, teacher of drawing, 1833-1846; professor of drawing, 1846-1876; C. W. Larned, professor of drawing, 1876-1902. Rept. Supt. U. S. Military Academy, 1896. p. 24. (A)

1803, February 28. Act of Congress organizes the department of French.

- F. D. Masson, first "teacher," 1803-1810; F. Masson, first teacher, 1810-1815; C. Berard, first teacher and professor, 1815-1848; J. Du Comman, second teacher, 1818- ; H. R. Agnel, second teacher, 1840-1848; H. R. Agnel, professor, 1848-1871; G. L. Andrews, professor, 1871-1892; E. E. Wood, professor, 1892-1902. Rept. Supt. U. S. Military Academy, 1896. p. 132. (A)
- 1803, March 10.** Secretary of War authorizes Colonel Williams to enlist 19 men for engineers, "to be subject to the rules and Articles of War." The President will appoint teachers of French and of drawing with pay not above that of captain. Colonel Williams to designate the uniform. War Dept. Military Book No. 1.
- 1803, May 24.** Secretary of War to W. A. Barron. The memorial of officers and cadets at West Point has been received. War Dept. Military Book No. 1.
- 1803, May.** Francis de Masson appointed teacher of French and of topographical drawing. Swift's Memoirs, p. 40. (A)
- 1803, June 13.** Secretary of War orders Captain Fleming to furnish the "school-room" with charts, etc. War Dept. Military Book No. 1.
- 1803, June 20.** Major Jonathan Williams, Corps of Engineers, Superintendent U. S. Military Academy, resigned his commission. Reappointed chief engineer Apr. 19, 1805, and resigned July 31, 1812. (A)
- 1803, June 25.** Secretary of War to Capt. W. A. Barron. Colonel Williams having resigned (June 21), the Military Academy will be under your care during the absence of Major Wadsworth. War Dept. Military Book No. 1.
- 1803, July 25.** Secretary of War to Captain Barron. Mr. de Masson is appointed teacher of French. French books can be ordered. [His pay was \$40, Dec. 1.]
- 1803, September 7.** De Masson may give lessons in drawing also. War Dept. Military Book No. 2.
- 1803, September 23.** Secretary of War authorizes purchase of books for Military Academy.
- 1803.** Adams (George): Geometrical and graphical essays, containing a general description of the mathematical instruments used in geometry, civil and military surveying, leveling and perspective. London, 1803, 1 vol., O. Text-book department of mathematics, Oct. 7, 1803, to ——. War Dept. Military Book No. 2.
- 1804, April 20.** Secretary of War authorizes Lieutenant Gates [N. B.] to pursue his studies at Military Academy. War Dept. Military Book No. 2.
- 1804, April.** The Academy opened under Professors Barron and De Masson (Major Wadsworth, superintendent) Swift's Memoirs, p. 46. (A)
- 1804, May 12.** Secretary of War convenes a court-martial to be composed of both officers and cadets. Green's house appraised; De Masson's purchases of books, \$226.45. War Dept. Military Book No. 2.
- 1804, December 24.** "West Point is abandoned for the season" before this date. Letter of Lieutenant Maccomb (?) to J. G. Swift, Swift MSS. (A)
- 1804-1816.** A new grammar of the French tongue, originally compiled for the use of the American Military Academy, . . . by a French gentleman [Masson?], New York, 1804, 1 vol., 8°. Text-book department of modern languages, 1804-1816 (?) Partridge MS. (A)
- 1805, April 22.** Secretary of War to Colonel Williams. He has been appointed lieutenant-colonel, and will proceed to West Point to take command of the Corps of Engineers and the direction of the Military Academy. War Dept. Military Book No. 2.
- 1805, May 27.** Secretary of War to Colonel Williams. J. D. Windham has been appointed a cadet in the artillery [N. B.], and will report at the Military Academy. War Dept. Military Book No. 2.
- 1805, June 1.** Secretary of War to Colonel Williams. Ten sets of mathematical instruments and 1 gross of lead pencils imported for Military Academy. War Dept. Military Book No. 1.
- 1805, June 10.** Secretary of War to Colonel Williams. He hopes Cadet McComb "can be induced" to remain one year longer at the Military Academy. War Dept. Military Book No. 2.
- 1805, June 21.** "Delivered to Lieut. Col. Commdt. Jonathan Williams, of the Corps of Engineers, 58 stands of French arms, 2 carbines, 200 musket flints, 60 bayonet scabbards," etc. Quartermaster's Wastebook, kept at West Point. (A)
- 1805, July 22.** Court of inquiry held at West Point. War Dept. Military Book No. 2.
- 1805, August 17.** Cadet McKenny drowned in the Hudson River. MS. Return of Arms, etc., at West Point, 1796-1805 (last page). (A)

- 1805, September 30.** Stone fence (around public ground) to be built by order of the Secretary of War. War Dept. Military Book No. 2.
- Secretary of War to Cadet Chouteau. The rank of cadets will make no difference in future Army rank; justice will be done according to merit. War Dept. Military Book, No. 2.
- 1805, September 30.** Secretary of War considers all cadets on probation and liable to be discharged without trial. Cadets may be tried by any court that can try noncommissioned officers. War Dept. Military Book No. 2.
- 1805.** Cadet mess organized. Rept. Supt. U. S. Military Academy, 1896, p. 123. (A)
- 1805-1902.** List of 280 graduates who have become general officers, U. S. Army, to 1900. *In* Bulletin Assoc. of Grads., No. 1 (1900), p. 64; *ibid.*, No. 2 (1902), p. 42; *ibid.*, No. 3 (1903). (A)
- 1806, March 24.** Secretary of War to Colonel Williams, authorizing purchase of a quadrant and discouraging purchase of books, because science is so rapidly advancing that a book will soon be obsolete[!] War Dept. Military Book No. 2.
- 1806, March 25.** Secretary of War orders Captain Fleming to deliver ordnance to Colonel Williams for experiments in gunnery for the improvement of the students of the Military Academy. War Dept. Military Book No. 2.
- 1806, May 24.** Secretary of War to Captain Fleming. The public buildings require repairs to cost \$800-\$1,000. The lower story of the Academy to be decently repaired. The buildings generally are but temporary. Water supply from springs to Academy. A 12-foot yawl for the use of the Academy. Mount two field pieces for the use of the artillery cadets. War Dept. Military Book No. 3.
- 1806, July 1.** Secretary of War directs no spirituous liquors to be sold within the public ground without a written permission from commanding officer. War Dept. Military Book No. 3.
- 1806, August 30.** Secretary of War to Colonel Williams. Question of double rations to commanding officer. Is our Military Academy a military post? [Decided to be so by President U. S. Oct. 3]. War Dept. Military Book No. 3.
- 1806-1817.** Cadets' acceptances of appointments. *In* A. G. O., O. M. A.
- 1806-1900.** List of graduates killed in action, 1806-1900. *In* Bulletin Assoc. of Grads., No. 1 (1900), p. 54. (A)
- 1807, February 10.** F. R. Hassler appointed teacher of mathematics at \$700 on probation for one year. War Dept. Military Book No. 3.
- 1807, April 6.** J. G. Swift assumes command of the post. *Memoirs*, p. 66. (A)
- 1807, April.** Capt. J. G. Swift (Superintendent) begins the formation of a library for the Academy. *Memoirs*, p. 67. (A)
- 1807, May 1.** A bell has lately been purchased for West Point. War Dept. Military Book No. 3.
- 1807, June 16.** Furloughs may be granted to any member of the Military Academy in the discretion of Colonel Williams. By order of Secretary of War. War Dept. Military Book No. 3.
- 1807, November 17.** Secretary of War (to Capt. J. G. Swift). Will not authorize the purchase of more books for the Military Academy, except as approved by Colonel Williams. War Military Dept. Book No. 3.
- 1807-1810.** Captain Partridge acted as assistant professor of mathematics Apr. 1 to Nov. 1, 1807; Apr. 1 to Nov. 20, 1808; Apr. 1 to Dec. 1, 1809, and as principal assistant professor Apr. 1 to Nov. 1, 1810. *Proc. Court of Inquiry MS.*, p. 327. (A)
- 1807-1817.** Cadet Thayer was post adjutant. Cadet Ragland held the same office in 1817; hours for military exercises given; chevrons prescribed for cadets (1817). The present style of chevrons was adopted June 29, 1830. *Jour. Mil. Ser. Inst. U. S.*, vol. 2, p. 453. (A)
- 1808, March 14.** Report on the progress and present state of the Military Academy, by Col. Jon. Williams. *Cullum MS.*
- 1808, March 16.** Six cadets of artillery appointed and ordered to West Point. War Dept. Military Book No. 3.
- 1808, March 18.** House Docs., 10th Cong., 1st sess. Message from the President: Necessity for instruction in artillery and engineering; Colonel Williams's report; system of instruction; too few teachers; suggestions for reorganization. 11 pp.
- Special message of President Jefferson on the state of the Military Academy and on the question of its removal to Washington. *See* Cullum: Campaigns of the War of 1812-1815, p. 39; also in Messages, etc., of the Presidents, vol. 1, p. 445. (A)
- Letter of Jefferson suggests that the Military Academy be removed to

- Washington. MS. in State Dept. Library.
- 1808, March.** President Jefferson's special message to Congress as to the necessity of enlarging the scope of the U. S. Military Academy and as to the advantages of Washington as a site for it. Writings of Jefferson, vol. 8, p. 101. (A)
- 1808, April 12.** Act of Congress provides for cadets of infantry, riflemen, and dragoons. (A)
- 1808, May 11.** Secretary of War to Colonel Williams. Whenever the young gentlemen at the Academy become turbulent or refractory . . . they should be discharged without delay. In general no courts-martial for cadets. War Dept. Military Book No. 3.
- 1808, May.** Constitution of the U. S. Military Philosophical Society, Chap. IV: Meetings twice monthly wherever the Military Academy may be established. Cullum MS. See also this catalogue, Nov. 12, 1802, 1809, April and May, 1816, 1822, and 1824. (A)
- 1808, June 22.** Secretary of War authorizes engagement of Mr. Zoeller as a temporary professor of drawing at the Military Academy; De Masson to be relieved from drawing and to perform temporarily the duty of professor of engineering. War Dept. Military Book No. 3.
- 1808, August 6.** Letter from Jefferson to Dearborn. Complaints of cadets that promotions are made without regard to seniority or merit. MS. in State Dept. Library.
- 1808, August 15.** Extract from the Minutes of the U. S. Military Philosophical Society requesting Col. Jonathan Williams to translate and publish General Kosciuszko's Manual of the service of horse artillery at the cost of the society. Op. cit., p. iii. (A)
- 1808, September 30.** Mrs. Colonel Williams writes to Maj. J. G. Swift in regard to allowing Mrs. Capt. Alexander Thompson to retain quarters and to board cadets. [This privilege was granted, and the family of Captain Thompson boarded cadets till about 1873.] There are 19 enlisted men at the Academy, 2 being musicians. Two are employed half their time in going for the mail. The water has to be carried. Mr. Snowden, military storekeeper, has had disturbances with cadets. Swift MSS. (A)
- 1808, October 31.** Fifty copies of the work on horse artillery (Williams's translation of Kosciuszko) for the Military Academy. War Dept. Military Book No. 3.
- 1808, November 8.** Order. All absences of cadets must be accounted for by written reports. Court of Inquiry, March 1816, App. Q. (A)
- 1808, November 9.** Two or three months' pay advanced to certain cadets. War Dept. Military Book No. 3.
- 1808.** The Elements of Fortification . . . translated from the French by Jonathan Williams. 2d ed. (n. p.) 1801, 1 vol., 8°. Text-book department of civil and military engineering, 1808 (?) Rept. Supt. U. S. Military Academy, 1896, p. 160.
- 1809, March 31.** Cadets perform the duties of officer of the day in rotation. The officer of the day forms the parade. Proc. Court of Inquiry. MS., pp. 316-318. Five cadets acted as drillmasters, and the cadet adjutant (usually) commanded the parade. (A)
- Academy orders: Two classes in mathematics, etc. An adjutant; a librarian; the gentlemen cadets will in turn perform the duty of officer of the day; a. m. and p. m. parades, etc. (Copy on file in library U. S. Military Academy.) Court of Inquiry, March, 1816, App. Q. (A)
- 1809, April 29.** The War Department can spare no copies of Hutton's Mathematics to the Military Academy. War Dept. Military Book No. 4.
- 1809, May 23.** Secretary of War inquires as to conduct of the military storekeeper [Snowden] at West Point. Difficulties and actual disturbances have taken place. War Dept. Military Book No. 4.
- 1809, June 1.** War Department subscribes to 20 copies of Colonel Toulard's Artillerists' Companion. War Dept. Military Book No. 4.
- 1809, July 15.** Mr. Madison in a letter to Col. Jonathan Williams speaks of a report made by himself to Mr. Jefferson on the subject of a military academy. Cullum MS. copies from letters in N. Y. State Hist. Soc. (A)
- 1809, August 2.** Court of inquiry held at West Point June 18 relative to firing the barracks May 8. War Dept. Military Book No. 4.
- 1809, November 10.** Secretary of War directs that the amount allowed for teachers of French and of drawing be divided between Messrs. De Masson, Hassler, and Zoeller. War Dept. Military Book No. 4.
- 1809, December 29.** Secretary of War orders a return to be made to the presiding officer of the Military Academy of all public books, etc. War Dept. Military Book No. 4.

- 1809.** U. S. Military and Philosophical Society: Extracts from the minutes . . . at an occasional meeting held at New York, Dec. 28, 1809. New York, 1809, 1 vol., 4°, pp. 22. [Astor Library.]
- 1809-1874.** Cadets were boarded by Mrs. Alexander Thompson and by her daughters in a special mess. [See Sept 30, 1808.] Court of Inquiry, March, 1816.
- 1810, January 18.** A cadet of artillery appointed and ordered to report to Major Macomb, of the engineers, at Charleston, S. C. War Dept., Military Book No. 4.
- 1810, March 14.** Furlough granted to Mr. De Masson provided he furnishes a substitute. War Dept., Military Book No. 4.
- 1810, May 9.** Secretary of War has no objection to attaching Cadet Abert to Captain Whitey's company of artillery and Cadet Larrabee to Captain Sweet's company. War Dept., Military Book No. 4.
- 1810, May 17.** Secretary of War writes to Superintendent of U. S. Military Academy: "Send a cadet of steady habits who writes a good hand to assist the adjutant and inspector" [at Washington]. (Cadet Abert was sent.) War Dept., Military Book No. 4.
- 1810, May 18.** Secretary of War to Colonel Williams. After cadets have completed their studies they are to serve as soldiers in the line with companies, but may mess with officers. War Dept., Military Book No. 4.
- 1810, autumn of.** Capt. A. Partridge was assistant military agent at West Point till the spring of 1811. Proc. Court of Inquiry, MS., p. 237. (A)
- 1810.** Regulations relative to the Military Academy at West Point. 1 copy in U. S. M. A. library; another copy, 1 sheet, pasted to fly leaf of General Regulations for the Army or Military Institutes, Philadelphia, 1821. (A)
- The regulations prohibit cadets from discharging firearms "within the public wall." [The wall of 1780 probably remained on the limits of the plain.] Cadets did not always wear uniform. Vacations from Dec. 15 to Mar. 15 were allowed. (A)
- 1810-1816.** Partridge MSS.: Bill of fare of cadets; daily routine of Military Academy; orders on military storekeeper; bills for cadet uniforms; orders U. S. Military Academy; letters 1810-1816; miscellaneous papers relating to cadets; ditto relating to West Point. (A)
- 1810-1816.** See Partridge (Alden): U. S. Military Academy; 18 experiments made on the fire of artillery and infantry made at West Point (1810-1814); meteorological observations; ditto (1810-1814), etc. MS. 1 vol., Q.
- 1810-1824.** Returns and muster rolls of troops at West Point. Returns Div. R. and P. O. (Monthly returns, 1810-1824; muster rolls, 1810-1813.)
- 1810-1838.** 11 vols., 1810-1838, of military correspondence of Secretary of War's Office, with 50 references to Military Academy affairs. Not printed. A. M. M.
- 1810-1902.** Regulations U. S. Military Academy [the "black-book"] for the years 1810, 1815, 1814*, 1821*, 1825, 1829*, 1831, 1839, 1840*, 1841*, 1853, 1857, 1866, 1873, 1877, 1883, 1894, 1902. (Those marked with a star are not owned by the library.) (A)
- 1811, March 13.** The Military Academy is expected to furnish a translator for a system of tactics for light cavalry. Letter of Secretary of War. War Dept., Military Book No. 5.
- 1811, April 6.** Depredations committed by persons unknown during the winter of 1810-11; front stoop of the white quarters burned in the spring of 1811; its kitchen torn down Apr. 4, etc. A court of inquiry ordered by Captain Gratiot, commanding. Cullum MSS. (A)
- 1811, November 30.** The President intends to recommend a second military academy at Washington. Secretary of War to Colonel Williams. War Dept., Military Book No. 5.
- 1811.** Certain books of the library marked on the cover U. S. Military Academy. Certain books belonging to the library were captured by the British at the surrender of Detroit in 1812. Proc. general court-martial, MS., pp. 108, 112. (A)
- 1811-1817.** The War Dept. records of these years would show that cadets were punished by being obliged to sit astride cannon for hours, etc. Colonel Thayer's letter, Feb. 14, 1853. Cullum MS. (A)
- 1812, January 11.** Act of Congress provides for new regiments and for cadets attached to each. (A)
- 1812, March 31.** Not a single instructor or cadet at West Point in September; only 1 cadet present. Rept. Supt. U. S. Military Academy, 1896, pp. 41-42. (A)
- 1812, April 29.** Act of Congress increases the Corps of Engineers; prescribes the organization of the Military

Academy; provides for 250 cadets of all arms then in the service [cadets of light artillery not eligible]; provides for *de-grees* (sec. 4) for graduated cadets, etc. (A)

1812, April 29. Act of Congress: "SEC. 3. Candidates shall be fourteen to twenty-one years of age; well versed in reading, writing, and arithmetic; shall engage to serve five years; and shall receive the pay, etc., now allowed to cadets in the Corps of Engineers after admission." (A)

— Act of Congress appropriates \$25,000 for buildings of U. S. Military Academy; provides field musicians; cadets to be encamped at least three months of each year. (A)

— Act of Congress: Graduated cadets to be assigned to various arms of the service; and as brevet second lieutenants supernumerary in case no vacancies exist, not more than one to any company at the same time. Boynton's History of West Point, p. 210. (A)

— Act of Congress: The department of natural and experimental philosophy organized. Since 1802 instruction had been given to advanced students in mechanics and practical astronomy with Enfield's Institutes of Natural Philosophy as text-book. Rept. Supt. U. S. Military Academy, 1896, p. 14. (A)

— Act of Congress establishes the department of engineering, U. S. Military Academy; 1802-1812, instruction was given, both theoretical and practical. List of text-books, 1802-1823. Rept. Supt. U. S. Military Academy, 1896, p. 160. (A)

— Act of Congress establishes the department of mathematics. The three professors named, with three assistant professors (army officers or cadets), teachers of French and of drawing, shall, with the Corps of Engineers, constitute the Military Academy. There may be 250 cadets of the service attached to the Military Academy or not, at the discretion of the President. (A)

— Act of Congress: Entrance requirements and qualifications of cadets prescribed. (A)

1812, July. Maj. Peter Charles L'Enfant appointed professor of engineering at U. S. Military Academy. (Declined.) Boynton's History of West Point, p. 161. (A)

1812, August 2. Reasons for Colonel Williams's resignation discussed in a letter from General Macomb to Major Swift. Swift MSS. (A)

1812, October 7, to 1828, August 31.

During this period Jared Mansfield was head of the department of natural and experimental philosophy. The text book in 1819 was Gregory's Mechanics. In 1820 a definite course was laid down. In 1821, Bridge's Mechanics was adopted for the lower sections. Rept. Supt. U. S. Military Academy, 1896, pp. 15-16. (A)

1812, October 10. Secretary of War directs the issue of ball cartridges to cadets not to exceed 48 monthly. [Canon cartridges were also issued.] War Dept. Military Book No. 6.

1812, November 26. Secretary of War instructs Colonel Mansfield to report monthly to War Department and to remain on furlough. The buildings at West Point will not be ready till next spring. War Dept. Military Book No. 5.

1812, December 11. J. A. Dix appointed "Cadet in the service of the United States;" to report to Major Dix, Fourteenth Infantry. (Other cases of the kind. War Dept. Military Book No. 5.

1812, December 21. Book of "letters sent" in Office Military Academy begins.

— General Swift intends to open the Military Academy in April, 1813. Letters sent, O. M. A., A. G. O.

1812. "The U. S. Military Academy Library is founded," according to Little (C. E.); Cyclopedia of Classified Dates, New York, 1900, p. 119. [As a collection of books it was founded in 1777; it had a permanent building in 1780 or earlier.] (A)

1812-1817. Cadets were regularly examined; regulations adopted 1812 and 1816; course of studies laid down, etc., by Capt. Alden Partridge. See The Military Academy Unmasked (1830), pp. 13, 14, 15. (A)

1812-1820. Military Academy Letter Books. Letters sent, Engineer Department, vol. 1, 1812-1820; vol. 24, 1866. Books of letters and indorsements to date. A. G. O.; O. M. A.

1812-1838. Letters sent from chief engineer respecting Military Academy are contained in books Nos. 1 to 7. O. M. A., A. G. O.

1812-1839. Letter of General Totten, Aug. 19, 1843. There has been an adjutant, U. S. Military Academy, since 1812, and the position was recognized in the regulations of October, 1821. The adjutant drew extra pay till Mar. 3, 1835, and General Orders, No. 14, published the opinion of the Attorney-General interpreting the law of Mar. 3. The Supreme Court, U. S., in 1841 (15

- Pet., 445), decided the law of 1835 to refer to that year only.—Abstracts of letters sent, O. M. A., A. G. O.
- 1812-1878.** Brief history of the entrance requirements, U. S. Military Academy. Rept. Board of Visitors, 1878, pp. 455-459. (A)
- 1812-1884.** Organization of the band and of the field music given in a table. Rept. Board of Visitors, 1884, p. 850. (A)
- 1812-1894.** History of the preliminary examination U. S. Military Academy. First established in 1812, it required that the candidate be well versed in reading, writing, and arithmetic. No change was made till 1866, when English grammar, history, and geography were added. In 1870 the examination, previously oral, was made a written exercise. Lieut. C. D. Willcox in Rept. Board of Visitors, 1894, p. 97. (A)
- 1812-1902.** Reports of the Superintendent U. S. Military Academy are on file in the Adjutant's office, U. S. Military Academy from 1812 to 1902, except 1816. MS. (A)
- Number of graduates killed or mortally wounded in action, 224. Bull. No. 1, Assoc. of Grads., p. 54, and No. 2, p. 3. (A)
- 1813, earlier than.** War Department, room 59, contains many MS. books (some letter books), returns, muster rolls, etc., of early date, some of which relate to Military Academy. MS. War Dept., Record and Pension Office. [These have not been searched.]
- 1813, January 11.** Secretary of War sends to Captain Partridge the report of commissioners (on the boundary of North's land). The report is to be recorded in Orange County. War Dept. Military Book No. 6.
- 1813, April 13.** The Secretary of War thinks the Military Academy should be situated on Long Island. War Dept. Military Book No. 6.
- 1813, April 21.** Captain Partridge accepts the appointment of professor of mathematics in the Military Academy. MS. O. M. A., A. G. O.
- 1813, May 4.** Doctor Kirkland writes from Harvard College to General Swift, then Superintendent U. S. Military Academy, recommending text-books: Morse's Geography, Enfield's Natural Philosophy, Playfair's Euclid, Webster's Mathematics, Burlamaqui's Natural and Political Law, Paley's Moral Philosophy, Ferguson's Civil Society, Butler's Analogy, Paley's Evidences. Swift MSS. (A)
- 1813, June.** Muster roll of 56 cadets U. S. Military Academy (47 present). O. M. A., A. G. O.
- 1813, July 3.** Mr. Winfield appointed steward of cadets' mess. Board about \$2.40 per week. Letters sent, O. M. A., A. G. O.
- 1813, July 20.** Henry Garrison makes proposals for carrying the mail from the post to Peekskill and return. Partridge MS. (A)
- 1813, August 2.** Captain Partridge asks Colonel Fenwick if he may bring cadets to see the fortifications in New York. MS. O. M. A., A. G. O.
- 1813, August 9.** Rev. Adam Empie assigned as chaplain and acting professor of ethics, etc., to Apr. 30, 1817. Parks' Sketch of West Point, p. 70. (A)
- 1813, September 1.** Morning report of the cadet guard in camp: One sergeant, 1 corporal, 9 privates; total, 11. Partridge MS. (A)
- 1813, September 1, to 1820, August 29.** Andrew Ellicott, professor of mathematics U. S. Military Academy. Calculus was first studied about 1817-18. Charles Davies appointed assistant professor 1816. Prof. C. Crozet appointed 1817, and introduced instruction in descriptive geometry, using the blackboard freely. Rept. Supt. U. S. Military Academy, 1896, p. 42. (A)
- 1813, September 22.** Andrew Ellicott to General Swift. Acknowledges receipt of his appointment as professor of mathematics. MS. A. G. O., O. M. A.
- Captain Partridge accepts appointment as professor of engineering. MS., O. M. A., A. G. O.
- 1813, October 16.** Letter from General Swift to Superintendent. Rev. Adam Empie appointed chaplain and professor of ethics, etc. An officer or a trusty cadet to go to New York to receive \$1,000 worth of books for the library; Colonel McComb's band to go to West Point; the handwriting and spelling of the cadets must be attended to. Partridge MS. (A)
- Books for library bought, value about \$1,000; mathematical instruments, \$70; a band will go to West Point; four rooms for Professor Ellicott's quarters and apparatus; cadets to write exercises in books to be inspected on Saturdays; neglect punished by arrest or confinement. Letters sent O. M. A., A. G. O.
- 1813, October 20.** Captain Partridge asks for an 18 or 20 pounder for instruction of cadets. They are moving fieldpieces with considerable dexterity. MS. O. M. A., A. G. O.

- 1813, October 24.** Captain Partridge to Secretary of War. Has appointed Cadet Trescott assistant professor of mathematics. Cadet —, whose habits are bad, to be transferred from Military Academy to First Artillery "as an example." MS. O. M. A., A. G. O.
- 1813, November 3.** Monthly report of the Corps of Engineers and Cadets at West Point, submitted to Adjutant-General Third Military District. [N. B. Also return of fuel Sept. 10, 1813.] MS. O. M. A., A. G. O.
- 1813, December 8.** Cadet uniform. Secretary of War directs 300 "short muskets" forwarded from Springfield Armory to West Point for use of cadets. Boynton's History of West Point, p. 213. (A)
- Order of the Secretary of War directs 300 short muskets, one 18-pounder gun, one 10½ mortar, one 5½-inch howitzer to be furnished for the use of cadets. Boynton's History of West Point, p. 213. (A)
- Order of the Secretary of War directs the cadets to be fed at a common table, not at private houses, as at present. Boynton's History of West Point, p. 209. (A)
- 1813, December.** Isaac Partridge appointed steward at West Point, to have quarters and \$10 monthly for each cadet boarded. Proceedings Court of Inquiry. MS., p. 247. Some cadets were boarded by Mrs. Captain Thompson (since 1809), who had their rations and their allowance of fuel for the five summer months. (A)
- 1813.** Order from War Department regarding messing of cadets. Order Book U. S. Military Academy, 1813, and Boynton's History of West Point, p. 209. (A)
- Cadets were quartered in the Long Barrack and the [first] Academy was a two-storied wooden building on the site of the present quarters of the Superintendent, U. S. Military Academy. Boynton's History of West Point, p. 209. (See West Point maps, 1815.) (A)
- Cadet monument erected. Boynton's History of West Point, p. 302. (A)
- 1813-1815.** Breakfast, 7 a.m.; dinner 1 p. m.; supper, after sunset. Cadets will be marched to and from meals; perfect order at table; carvers will be appointed; all must rise from table by word of command, the carvers first, and return by files in perfect order. Court of inquiry, March, 1816.
- 1813-1816.** Muster rolls post of West Point. Originals in A. G. O., O. M. A. Copies in Adjutant's office M. A. (A)
- 1813-1825.** Miscellaneous papers received from Engineer Department. In A. G. O., O. M. A.
- 1814, prior to.** Cadets wore a blue, long-tailed coat, single breasted, standing collar, with the flat button of the artillerists and engineers. In 1814 the bullet button was that of the staff of the Army. Cullum MS. (A)
- 1814, January 4.** Changes in cadets' uniform contemplated. New uniform cap should be adopted; also short coats and short boots. Letter of Captain Partridge to Secretary of War. MS. O. M. A., A. G. O.
- 1814, January 7.** Captain Partridge to Secretary of War. Isaac Partridge will conduct cadets' mess. Price per man per month, \$10. MS. O. M. A., A. G. O.
- 1814, January 13.** Secretary of War orders a building erected at West Point. Returns Div., R. and P. O.
- 1814, January 23.** Secretary of War directs General Swift to make contracts for Academic building at West Point. War Dept. Military Book No. 7.
- 1814, March 16.** Secretary of War writes Captain Partridge that Cadet —, who has been some time absent without leave, is to be authorized to return and to be "admonished" when he does so. War Dept. Military Book No. 7.
- 1814, March 17.** The barracks at Military Academy are now filled and no cadets will be sent there till new buildings are erected. War Dept. Military Book No. 7.
- 1814, March 24.** Military Academy orders signed by General Swift confirm the regulations of 1810, and place the internal control and direction of the Academy in the hands of Capt. A. Partridge. Park's Sketch of West Point, pp. 62-63. (A)
- 1814, March 24, to 1867.** Military Academy Orders, vol. I. O. M. A., A. G. O. (Copies in adjutant's office U. S. Military Academy and in library. (A)
- 1814, April 1.** Reveille; roll call twenty minutes later; inspection of rooms thirty minutes later by the officer of the day, who will make a certified report; mathematics, etc., 8-11; study, 11-1; French, 11-1; dinner and recreation, 1-2; drawing and study, 2-4; exercise, 4-5; study and evening parade, etc. Court of inquiry, March, 1816.

1814, April 21. Secretary of War authorizes employment of Pierre Thomas, sword master. War Dept. Military Book No. 7.

1814, May 2. Military Academy Regulations issued. War Dept. Records. (A)

— Regulations. Copy pasted on p. 23 "Statistical Book," in adjutant's office, U. S. Military Academy. (One copy in library.) (A)

— The regulations prescribe the cadet uniform: Blue coat, single breasted, eight buttons; gray trousers in winter; silk hat with gilt eagle on the cockade, etc.; yellow buttons with eagle. The present uniform was established, by order, Sept. 4, 1816. *See also* Jour. Mil. Serv. Inst. U. S., vol. 2, p. 451. (A)

1814, May 30. Professor Ellicott appointed postmaster. Letters sent, O. M. A., A. G. O.

1814, December 8. Six frame buildings; a frame barrack large enough to hold 100 cadets; 3 new stone buildings are contracted for. Letters sent, O. M. A.

1814, December 21. Lieutenant Wright to Superintendent Military Academy regarding the difficulty in getting the money for their pay, etc. Partridge MS. (A)

1814, December 28. Colonel Swift to Secretary of War (Monroe). Plans for a military school were frequently urged by Washington. In 1794 the War Department arranged to give instruction to young officers of artillery; the buildings were soon destroyed by fire and the plan postponed. In 1801 a school was begun with 1 master and 12 cadets. Letters sent, O. M. A.

— Secretary of War directs a corporal and 6 men sent from New York to guard public stores at West Point. War Dept. Military Book, No. 8.

1814, spring of. Cadet mess first opened by I. N. Partridge. Court of inquiry, March, 1816.

1814, about. Some cadets wore duck sherry-valleys, with buttons all along the sides. Court of inquiry, March, 1816.

— Pockets with flaps in a cadet coat. Court of inquiry, March, 1816.

1814. Cadet uniform. . . . Recollections of Gen. G. D. Ramsay. (A)

— Records of the Military Academy from March, 1814, to February 19, 1838. (Typewritten copies from the originals in O. M. A., A. G. O.) 1 vol., Q. (A)

1814. There was a small library in a building about 10 feet square which stood behind the present quarters of the Superintendent. Under Colonel Thayer the library was much increased and was moved to the second story of the [second] Academy, where it remained until 1838. Cullum MS. (A)

— Previous to the construction of the stone mess hall, cadets messed in the building "now" occupied by Mrs. Thompson. The mess was well conducted by Mr. Partridge, a relative of the Superintendent. Cullum MS. (A)

— The blackboard extensively used in instruction by Professor Crozet. Cullum MS.—Also by George Baron in 1801. Swift's Memoir. (A)

— The company of bombardiers ["bom. soldiers"] occupied the east wing of cadet barracks and enforced discipline as sentinels, etc. Cadets reported their absences to the sentinel. This practice was changed by Colonel Thayer about 1819. Cadets were confined in the bombardier prison. Cullum MS. (A)

— Cadets' summer encampment was immediately in front of the quarters of the Superintendent. Cullum MS. (A)

— Cadet uniform, blue; round hat with a silk cockade and yellow eagle; there were two cadet messes—one on the plain near the present quarters (1902) of the Superintendent, kept by Mr. Isaac Partridge; the other, Mrs. Thompson, widow of Capt. Alexander Thompson. Cadets' rooms heated by open fires; in the mess no table cloths, no glass tumblers (tin cups were used), no chairs (but benches painted red). Recollections of Gen. G. D. Ramsay. MS. (A)

— The cadets then encamped at Governors Island, New York Harbor, in August, and were present at the execution of a deserter. During the winter there was artillery firing over the ice toward Newburg and the cadets were expert practical artillerists. Captain Partridge achieved much as Superintendent, and had few if any superiors in his corps. The "walls" of the reservation were cadet limits? [Qu. ? the walls of 1780?] Recollections of Gen. G. D. Ramsay, MS. (A)

— The mess-steward's flock of sheep was pastured on the plain; the barracks were on the site of the present hotel, about 250 feet long; water was brought from springs; wood for fires was sawed and split in their rooms by cadets; the new cadets made the fires,

- swept the rooms, and shoveled the snow; there was very little hazing; few overcoats were worn; tours of extra guard duty were given as punishments; also confinement in the guardhouse. Recollections of Gen. G. D. Ramsay, MS. (A)
- 1814-1816.** Cadets' personal recommendations and papers are to be found in A. G. O., O. M. A.
- There were no trials by court-martial and no demerit marks in 1814-15; the next year classes were formed and courses of study laid down; the cadets were greatly attached to Captain Partridge. After the grey uniform was introduced, the Superintendent also wore it. Recollections of Gen. G. D. Ramsay, MS. (A)
- U. S. Military Academy text-books: Geography (by —?). Partridge MS.
- Prayer book (each cadet was furnished with one). Text-books U. S. Military Academy, 1814-1816. Partridge MS.
- Text-books, 1814-1816. Logarithm table. Partridge MS.
- 1814-1819.** In 1814 the class of 5 cadets in philosophy recited in the professor's parlor; the text-book was Euclid's. The cadets played football (p. 73); visit of the cadets to New York (p. 75). E. D. Mansfield: Personal Memories, pp. 58 et seq. (A)
- 1814-1820.** See Ramsay (G. D.): Recollections of cadet life. In Cullum's Biographical Register, vol. 3, pp. 612-632; also copy of a portion of the original MS., owned by Admiral Ramsay, U. S. Navy. (A)
- 1814-1821.** Masson (—): French Grammar. (Text-book department of modern languages, 1814-1821.) Rept. Supt. U. S. Military Academy 1896, p. 138.
- Masson (—): French Reader. (Text-book department of modern languages, 1814-1821.) Rept. Supt. U. S. Military Academy 1896, p. 139.
- 1814-1822.** The corps of cadets was absent from West Point: Governors Island, August, 1814; ditto, summer of 1815; New York City, summer 1816; New York City, 1817, July 5; Hudson (march), 1819; Philadelphia (march), August, 1820; Boston (march), 1821; Goshen, July, 1822.
- 1814-1830.** Uniform of cadets. In Jour. Milv. Service Instn. U. S., vol. 2, p. 450. (A)
- 1814 to date.** Cadets' papers, applications, names, recommendations, etc. In A. G. O., O. M. A.
- 1815, prior to.** Military delinquencies were reported and recorded. Daily and weekly records of studies were not made until the fall of 1817, when the form of the weekly class report (essentially the same as at present) was drawn up by Capt. D. B. Douglas. Cullum MS. (A)
- 1815, January 3.** Regulations U. S. Military Academy and order from the Secretary of War, Feb. 28: A permanent Superintendent U. S. Military Academy shall be appointed, and shall have exclusive control; the Chief of Engineers to be inspector of the Academy; rules with respect to the promotion of cadets of the U. S. Military Academy approved by the Secretary of War. Captain Partridge was Superintendent. Park's Sketch of West Point, pp. 63-67. (A)
- Secretary of War to Captain Partridge. He is appointed Superintendent Military Academy. Messrs. Thomas and Zoeller to have additions to their pay. The two small square houses between the long parallel stores will be turned over for the exclusive use of Military Academy. War Dept. Military Book No. 8.
- 1815, January 20.** There were targets on this date, and probably there was target practice for cadets. MS. O. M. A., A. G. O.
- Captain Partridge to General Swift. The Secretary of War has appointed him Superintendent of the Military Academy. Douglas assigned as professor of philosophy; Berard teacher of French; Zoeller teaches surveying. MS. O. M. A., A. G. O.
- 1815, January 25.** Secretary of War (Monroe) asks academic staff to send, through General Swift, a plan of regulations for Military Academy. War Dept. Military Book No. 8.
- 1815, February 1.** Orders: The commanding officer of U. S. Engineers at West Point will consider himself the Superintendent of the Military Academy till further orders. J. G. Swift, Chief of Engineers. Partridge. MS. (A)
- 1815, February 2.** Diplomas authorized for cadets by General Swift. See "Degrees," Apr. 29, 1812. See 1824. War Dept. Records. (A)
- 1815, February 4.** Colonel Bomford applies for 6 cadets for ordnance duty. MS. Returns Div. R. and P. O.
- 1815, February 6.** Captain Partridge to General Swift. Discussion of the regulations of the Military Academy. A permanent Superintendent is necessary. He has acted as Superintendent

for more than five years (i. e., since 1810). MS. O. M. A., A. G. O.

1815, February 10. Andrew Ellicott writes General Swift. Captain Partridge is almost unrivaled in the management of cadets. MS. A. G. O., O. M. A.

1815, February 11. Captain Partridge to General Swift. Intends to make experiments on the velocity of projectiles. MS. O. M. A., A. G. O.

1815, February 28. The Chief of Engineers is the inspector of the U. S. Military Academy; the Superintendent will receive orders only through him; a treasurer will be appointed by the inspector; qualified cadets shall receive diplomas signed by the Superintendent and professors; the matter of a Board of Visitors will be considered later. Order of Secretary of War (Monroe). In Records U. S. Military Academy, 1814-1838. (A)

— Regulations U. S. Military Academy. Original in frames in library. Copy in Proc. Court of Inquiry, MS., pp. 303-305. Regulations for the cadet mess, *ibid.*, pp. 305-306. Regulations Military Academy, *ibid.*, pp. 306-317. Regulations for parades and drills, pp. 317-319. (A)

1815, March 3. Act of Congress fixes the Military Peace Establishment. (A)

1815, March 28. Professor Mansfield to General Swift. The library has fewer scientific books than thirteen years ago. MS. A. G. O., O. M. A.

1815, March. "After March, 1815, every professor shall sign a diploma before a cadet is commissioned." Letter of J. G. Swift, Feb. 2, 1815. (*See also* 1819 and 1824.) (A)

1815, April 20. Secretary of War to Major Thayer and Colonel McRee. They will embark on the squadron to sail to the Mediterranean [in the frigate *Congress*]. Then visit military schools, workshops, arsenals, etc., and buy books and instruments for the Military Academy. War Dept. Military Book No. 8.

1815, April 24. Secretary of War arranges a credit of \$5,000 for Colonel McRee and Major Thayer to buy books, maps, etc. (for Military Academy). War Dept. Military Book No. 8.

1815, April-July. Major Burton's store built on West Point. Proc. General Court-Martial, MS., p. 93. (A)

1815, May 9. Plan for two additional military academies proposed by the academic staff. MS. O. M. A., A. G. O.

1815, May 14. Cadet uniforms will be completed in about four weeks.

Cap plates needed. [Probably diamond shaped.—E. S. H.] MS. O. M. A., A. G. O.

1815, May 21. Captain Partridge to General Swift. It will be inconvenient to give up the laboratory to be used as a bakehouse. MS. O. M. A., A. G. O.

1815, May 30. Cadet Payne injured at artillery drill by premature discharge of gun. This is the first accident at the Academy. MS. O. M. A., A. G. O.

1815, May 31. Adjutant-General U. S. Army directs all officers at West Point to report to commanding general of the northern division of the Army. Partridge MS. (A)

1815, June 5. Uniform of band at West Point: Twenty engineers' coats with black collars and cuffs; 20 gaiters; 20 pompoms, red, with white tops; 12 music swords, etc. Partridge MS. (A)

1815, June 23. C. C. Pinckney is elected vice-president of the U. S. Military Philosophical Society, but declines on account of his great age. The society was still in existence Sept. 22, 1824. Swift MSS. (A)

1815, June —. Gray satinet coats ordered for cadets. Court of Inquiry, March, 1816.

1815, July 31. Andrew Ellicott to General Swift. The camp is broken up by the commandant, who has directed studies to begin. The winter is not the best time for vacations. MS. O. M. A., A. G. O.

1815, August 6. Mr. Thorp, of New York, to make cadets' uniforms out of satinet. MS. O. M. A., A. G. O.

1815, August 26. C. C. W. D. to General Swift. Authorizing printing of regulations of the U. S. Infantry. Furnish each cadet with a copy. War Dept. Military Book No. 8.

1815, August 26. Letters of cadets. Cadet punishments. It is alleged: 1813, a cadet was marched up and down the parade with a badge on his back; 1814, cadets were drummed around the plain; cadets were forced to sit on cannon for a short time; two were confined in the black hole, 8 feet square; cadets were confined in the soldiers' guardhouse 18 to 20 at a time. Court of Inquiry, March, 1816.

1815, September 26. Thirty-six swords and belts shipped to Superintendent of the Military Academy, valued at \$132; 300 more are daily expected from England. Partridge MS. (A)

1815, September 27. Captain Partridge to General Swift: Report on the

- daily routine of the Military Academy. A. L. S., 4 pp., Partridge MS.
- 1815, October 10.** Slates were issued to cadets on memorandum receipts. Professor Ellicott makes requisition (Apr. 22, 1816) for 150 slates and 1,000 pencils. Partridge MS. (A)
- 1815, November 25.** Captain Partridge to General Swift. Cadets should have dress and undress uniforms. The Board of Visitors should come up shortly. The cadets to go to New York. MS. O. M. A., A. G. O.
- 1815, November 28.** General Swift to Secretary of War. The uniform of the cadets has been gray for the past fifteen months. (Inclosed description of uniform.) Book 1, Letters Sent, A. G. O., O. M. A. (The texture of the cloth, but nothing else, was changed June 26, 1820.)
- 1815, December 21.** General Swift has suggested the appointment of visitors to the Military Academy and the President approves. War Dept. Military Book No. 8.
- 1815.** — **14.** Captain Partridge writes: Cadets go to New York on leave, when they obtain orders to report at Fort Columbus, and are thus lost to the Academy. This is an improper course. They behave very well while here. MS. O. M. A., A. G. O.
- 1815, spring of.** An inquiry into the conduct of the Superintendent was instituted by General Swift. Court of Inquiry, March, 1816.
- Store established by Mr. J. N. Partridge. Court of Inquiry, March, 1816.
- 1815, summer of.** Cadets went to Governors Island, New York Harbor, and encamped for about a month. Cullum MS. (A)
- 1815.** The treasurer U. S. Military Academy is said to receive 1 per cent commission on his disbursements. Court of Inquiry, March, 1816.
- Mr. Isaac N. Partridge (uncle of Captain Partridge) occupied the quarters called "the colonel's house." Court of Inquiry, March, 1816.
- Explanations in writing were required for all reported absences. Court of Inquiry, March, 1816.
- Cadets were appointed carvers at mess tables. Court of Inquiry, March, 1816.
- "Before the parade is dismissed the companies are drawn up in open square and an evening prayer is delivered by the chaplain." Niles's Register, September, 1815. "The custom has for a long time been dispensed with." Colton's Guide to West Point, 1841, p. 74. (A)
- 1815.** (Swift, MSS.) Work and materials on the new buildings belonging to the United States at West Point as furnished by Mr. Jacob Halsey and surveyed August and September, 1815, by John E. West and Christopher Halsey. MS. Book A (cadet buildings, etc.); MS. Book B, measurements of mason work done at West Point for the United States by Thomas T. Woodruff (cadet barracks, Academy, etc.). (A)
- Cadet study hours, 9 a. m. to 1 p. m., 2 to 4 p. m., and from 7 (winter) or 8 (summer) to 9.30 p. m. There were no examinations. Prof. Horace Webster in Cullum MS. (A)
- The first cadet detailed as acting assistant professor was R. Delafield in 1815. Cullum MS. (A)
- South (cadet) barracks built; demolished 1850. A description and view of it in Boynton's History of West Point, p. 255. (A)
- (1) Cadet mess hall built; demolished 1852. A description and view of it in Boynton's History of West Point, p. 257. (A)
- (2) Academic building completed; destroyed by fire Feb. 19, 1838. A description and view of it in Boynton's History of West Point, p. 255. (A)
- West Point. [Description of the site, history of the school, character of Colonel Williams, of Captain Partridge, duties of cadets, course of study, etc.] Niles's Register, vol. 9, p. 15. (A)
- 1815-16.** Early discipline at Military Academy, illustrated by superintendent's orders in Proc. Court of Inquiry, MS., pp. 293-301. (A)
- Punishments of cadets were: Public reprimands, confinement to limits or to rooms, extra guard duty, putting on probation, suspension, confinement to guardhouse, dismissal. Certain cadets who were noisy in their rooms (there were six or eight to a room) were sometimes ordered to sit on gun carriages and study there. Testimony of Captain Partridge, Court of Inquiry, MS., p. 253. (A)
- Every Wednesday and Saturday a crew of enlisted men, under the command of a cadet, rowed the barge to Newburgh and return. Orderly Book, company of bombardiers, MS. (A)
- 1815? 1816?** The cadets visited New York for a day or two. The encampments at West Point were at first (1814) on the plain in front of the present

Superintendent's quarters, and before 1820 near Fort Clinton. Every cadet in turn acted as officer of the day. The cadet officer of the day received the parade and was the officer in charge till 1818. Recollections of Gen. G. D. Ramsay. MS. (A)

1815-1817. Uniform: Captain Partridge wore a gray coat with 3 rows of 10 engineer buttons, herring-bone black lace with Austrian knots, 12 buttons on tails of coat, one gold epaulette; also a blue uniform coat as captain of engineers.

1815-1878. Total cost of U. S. Military Academy, \$10,998,083, or \$174,572.76 per year on the average. The cost of buildings and grounds, etc., is about \$2,000,000—about half the cost of a war ship. The annual expense is about \$250,000, about the cost of keeping that vessel in commission—about one-fourth the annual cost of a regiment of infantry. Report Board of Visitors, 1878, pp. 461-465. (A)

1815-1902. Boards of Visitors were present at West Point 1815 to 1902. Their reports are on file in the adjutant's office, U. S. Military Academy, 1819 to date. MS. (A)

1816, before. Cost of cadet clothing: Gray coat, \$23; blue coat, \$36; gray trousers, \$12. Collars sometimes "highly worked;" blue vests, with bullet buttons; buff vests; white vests; blue trousers, \$17.50. All the articles were sometimes highly worked with black lace. Court of Inquiry, March, 1816.

1816, February 5. Lieutenant Gadsden writes to General Swift, proposing Knoxville, Tenn., as a site for the Military Academy. MS. A. G. O., O. M. A.

1816, February. Captain Perkins, Assistant Deputy Quartermaster-General, reported as quartermaster at West Point. Proc. Court of Inquiry, MS., p. 243. (A)

1816, March 6. Rules and regulations for the government of the U. S. Military Academy were drawn up and approved by the Secretary of War; they provide for a Board of Visitors, five in number. Park's Sketch of West Point, p. 71. (A)

1816, March 15. Proceedings of a court of inquiry (Colonel Atkinson, president) convened at West Point by general orders Feb. 19, 1816, to inquire into the conduct of Captain Partridge as Superintendent of the Military Academy and commanding officer at West Point. Copy of original in Judge-Advocate General's Office. MS., 1 vol., O., pp. 362. Unanimous opinion of

the court in detail on 20 points (pp. 265-272). 21: "It is clearly proven that Captain Partridge has been solicitous about the health, morals, and improvement of the cadets, and in the correction of faults uniform, punctilious, dispassionate, and forbearing." Court adjourned Apr. 12, 1816. (A)

1816, March 30. Andrew Ellicott writes to General Swift that he will accept the office of postmaster at West Point. He recommends C. Berard as professor of French. MS. A. G. O., U. S. M. A.

1816, March 31. Captain Perkins writes to General Swift. Asks to be relieved as quartermaster at West Point. MS. O. M. A., A. G. O.

1816, March. Regulations U. S. Military Academy. MS. In War Dept. Military Book No. 8, pp. 463-465.

1816, April 7. Address signed by 109 cadets highly commending the administration of Captain Partridge. Court of Inquiry, March, 1816, App. R.

1816, April 8. Mr. Berard appointed librarian. (See his letter of Aug. 14, 1818.) MS. In O. M. A., A. G. O.

— Lieutenant Gardiner of the artillery has the permission of the Secretary of War to study at Military Academy. Partridge MS. (A)

1816, April 17. Report of General Swift to Secretary of War on the Military Academy. MS. In O. M. A., A. G. O.

1816, April 18. The musicians from Governors Island destined for West Point have arrived. Instruments needed. MS. O. M. A., A. G. O.

1816, April 26. Professor Mansfield reports to General Swift on instruments bought for the Military Academy (sexants, etc.). MS. In A. G. O., O. M. A.

1816, April. The "West Point Literary Reading Room"—a literary society—preceded the Amasophic Society, as did the Philomathean Society, founded 1822. (A)

1816, May 13. Bill of fare for cadets. Partridge MS. (A)

— Colonel McRee and Major Thayer have bought a library of books needed [at West Point]. James Renwick to J. G. Swift, Swift MSS. (A)

1816, May 22. A programme of a course of studies drawn up and approved by the Secretary of War July 1. Fluxions optional; Latin and Greek were reviewed in the fourth year for those cadets who had previously studied these languages; no theoretical instruction in military subjects. Park's Sketch of West Point, pp. 72-73. (A)

- 1816, May 22.** Report of the academic staff at West Point on the course of education proper for cadets. Amended and approved by the Secretary of War June 11, 1816. War Dept. Military Book No. 9.
- 1816, May.** (*See* 1816, April.) Amosophic Society founded, and existed till about 1823; it had a library of about 500 volumes. The Philomathean Society founded 1822 and absorbed the Amosophic. The Ciceronian Society was next formed, and finally the Dialectic Society in 1824-25 [which continues to 1902]. Park's Sketch of West Point, pp. 117-118. A Lyceum of Natural History existed for several years till 1831. (A)
- 1816, June 13.** Secretary of War authorizes detail of cadets to the coast survey. Permission rescinded July 3, on advice of General Swift. War Dept. Military Book No. 9.
- 1816, June 21.** Captain Douglas reports a spirit of insubordination among cadets. Cadets believe they are not subject to courts-martial. MS. A. G. O., O. M. A.
- 1816, June 27.** A garrison court considered whether a cadet officer could exercise authority as such over a soldier, and decided that he could when the soldier was acting disorderly. This decision was approved by Captain Partridge, Superintendent U. S. Military Academy. Orderly Book, Company of Bombardiers, 1815-16, MS. (A)
- 1816, June 29.** General Orders, Adjutant-General's Office, gives qualifications for entering cadets. (A)
- 1816, June 29.** Orders of Adjutant and Inspector General as to qualifications of cadets. Records U. S. Military Academy, 1814-1838. (A)
- 1816, July 1.** Secretary of War writes General Swift giving reasons for the changes he has made in the regulations for the Military Academy. By law no one but the Chief Engineer can be Superintendent. Captain Partridge is not such. War Dept. Military Book No. 9.
- Candidates to present themselves in September, and to be examined in spelling, reading, writing, and arithmetic. Amer. State Papers, Military Affairs, vol. 2, p. 381. (A)
- Regulations for the government of the Military Academy (dated May 22) approved by Secretary of War; a Board of Visitors of five competent gentlemen provided for; the Superintendent to be president of the board. Examinations to be held in January and in June. Boynton's History of West Point, p. 214. (A)
- 1816, August 9.** General Parker to General Swift. Asks what is the uniform of cadets. No two are ever alike. Some have full dress of the staff of the Army. MS. O. M. A., A. G. O.
- 1816, August 18.** Captain Partridge to General Swift. He intends to make another expedition to the Highlands to determine the heights of mountains. MS. O. M. A., A. G. O.
- 1816, August 30.** Letter describing uniform of cadets as approved by General Swift. Adopted, with changes, in General Orders, Adjutant General's Office, Sept. 4, 1816. MS. in O. M. A., A. G. O.
- 1816, September 4.** Orders of Adjutant and Inspector-General. Uniform of cadets prescribed. Records U. S. Military Academy, 1814-1838. (A)
- Cadet uniform. Order from War Department prescribes gray uniform, hat and cockade, pantaloons with Austrian knot. Boynton's History of West Point, p. 213. (A)
- [The *three* rows of buttons were copied from Captain Partridge's coat (*see* steel engraved portrait).] (A)
- Cadet uniform — present style (gray) adopted. (*See* 1814.) Journal M. S. L., vol. 2, p. 453. (A)
- 1816, September 9.** Secretary of War to General Swift. Either the Chief Engineer or the next in rank is Superintendent U. S. Military Academy and must reside at West Point. Does General Swift elect to be Superintendent? If not, Colonel McRee will be detailed. War Dept. Military Book No. 9.
- 1816, September 10.** Captain Crozet writes that he intends to follow the methods of instruction of the École Polytechnique and that he will use its "authors." MS. A. G. O., O. M. A.
- 1816, September 14.** Secretary of War instructs General Swift as to measures necessary for discipline, etc., at West Point. War Dept. Military Book No. 9.
- Secretary of War authorizes the appointment of Captain Crozet as professor of engineering at Military Academy. War Dept. Military Book No. 9.
- Captain Partridge to General Swift. Some books belonging to the Military Philosophical Society were sent to New York in 1812. Alterations have been made by the Adjutant-General in the suggested uniform of cadets. Round hats ordered instead of caps. MS. O. M. A., A. G. O.

- 1816, September 15.** Captain Partridge to General Swift. The discipline he introduced in 1814 has been relaxed by outside influence. MS. O. M. A., A. G. O.
- 1816, September 23.** Captain Partridge to General Swift. The Academy must have a permanent Superintendent. Every room in the new barracks is occupied. Cadets have not all returned from vacation. MS. O. M. A., A. G. O.
- 1816, September 25.** Captain Partridge to General Swift. Hats versus caps: Caps for cadets will be \$7 or \$8 apiece. Shabby hats make shabby parades. Caps can be varnished. Nankkeen pantaloons are better than white. MS. O. M. A., A. G. O.
- 1816, September 26.** Cadet — left the Military Academy, without leave, to join the Spanish patriots. MS. O. M. A., A. G. O.
- 1816, September 27.** General Swift to Captain Partridge. "I do not like the [cadet] uniform and am not pleased at the manner in which it has been established." Partridge MS. (A)
- 1816, September 29.** Captain Partridge to Adjutant-General. A number of subaltern officers of the line have applied to be attached to Military Academy. All quarters here are crowded. MS. O. M. A., A. G. O.
- 1816, September.** Why the cadet uniform is gray. See Memoir of J. T. Greble, p. 18. (A)
- 1816, October 2.** List of books, etc., needed for the Military Academy. Proposed by Professors Mansfield and Ellicott. MS. O. M. A., A. G. O.
- 1816, October 5.** Secretary of War writes to General Swift about the cadet uniform recommended last winter. Hats will be substituted for caps, as they are neater. There will be no undress uniform. War Dept. Military Book No. 9.
- 1816, October 7.** Secretary of War writes Prof. J. Mansfield agreeing that the Superintendent of the Military Academy should be permanent—not the senior officer present. Since the law of 1812 there seems to be a systematic plan to nullify that law, through the device of inspector Military Academy, etc. The Secretary has not as favorable an opinion of Captain Partridge as Professor Mansfield. War Dept. Military Book No. 9.
- 1816, October 30.** Mr. Thomas needs foils for use in teaching fencing. MS. O. M. A., A. G. O.
- 1816, October and November.** Muster roll of the cadets attached to the U. S. Military Academy: Recapitulation: Present, fit for duty, 192; sick, present, 2; sick, absent, 2; absent with leave, 11; absent without leave, 6; absent by order, 5; on command, 1; on furlough, 1; resigned, 7; deserted, 2; total, 229. Partridge MS. (A)
- 1816, November 7.** Cadets must not pass the sentinel at the south gate without a written pass. Orderly Book, Company of Bombardiers, 1815-16, MS. (A)
- 1816, November 11.** Secretary of War provides \$3,200 for books, plans, etc., for Military Academy, to be expended by Colonel McKee and Major Thayer in Europe, etc. War Dept. Military Book No. 9.
- Captain Partridge to General Swift. Discipline is declining at the Academy. The academic staff should be subject to military orders. MS. O. M. A., A. G. O.
- 1816, November 16.** Cadets forbidden to employ soldiers as waiters, and to pay them money, etc. Orderly Book, Company of Bombardiers, 1815-16. MS. (A)
- 1816, December 18.** Officers not of the Corps of Engineers are not to serve at the Military Academy. MS. O. M. A., A. G. O.
- 1816, December 21.** Captain Partridge resigns professorship of engineering, Military Academy; nominates Captain Crozet as his successor. MS. O. M. A., A. G. O.
- 1816, December 31.** Fire in General Swift's quarters at West Point. Proc. general court-martial. MS., p. 157. (A)
- 1816, summer of.** Cadets visited New York and were reviewed by the common council in the park. Cullum MS. (A)
- 1816.** Cadet uniform described. Q. M. G. Book, p. 6.
- There was no catalogue of the library. Court of Inquiry, March, 1816.
- A steel-engraved portrait of Capt. Alden Partridge, superintendent U. S. Military Academy, 1812-1816, shows a blue (?) uniform coat with three rows of bell buttons. The cadet coat of 1816 was probably copied from this. (A)
- The corps of cadets was at this time, and probably earlier, organized as a battalion and officered by cadets. Cullum MS. (A)

- 1816.** President Monroe visited the Academy during the summer. Cadet J. H. Clinton (1815) held at the same time the grade of midshipman, U. S. Navy. There were cadets in the Army who never joined the Academy. No warrants were given to cadets in 1814, and there was no preliminary examination and no oath of allegiance. A cadet who had only one arm was admitted. Two cadets were married. *Recollections of Gen. G. D. Ramsay.* MS. (A)
- Regulations relative to the Military Academy. 1816. *In Amer. State Papers, Military Affairs*, vol. 1, pp. 838, 839. (A)
- Rules with respect to the promotion of cadets, approved by Secretary of War; the rank in the Army to depend on general merit fixed by an examination; cadets to receive a diploma, etc. Boynton's History of West Point, p. 214. (A)
- Cadet uniform, gray color (essentially same as at present) prescribed. Boynton's History of West Point, p. 215. (A)
- Dufief (N. G.): Nature displayed in her mode of teaching language to man. . . . Adapted to the French. 3d ed. Philadelphia, 1810, 2 vols., O. (Text-book Department of Modern Languages, 1816.) Cullum's Address, Thayer Monument, p. 13.
- Simpson (Thomas): Trigonometry, Plane and Spherical, with the construction and application of logarithms. London, 1799, 1 vol., O. (Text-book Department of Mathematics, in April, 1816.) Partridge MS.
- Tousard, (Louis) de: American Artillerist's Companion, or Elements of Artillery. Philadelphia, 1809, 1 vol., O. (Text-book Dept. ———, 1816.) Proc. general court-martial, MS., p. 98.
- Professor Mausfield testifies that Captain Partridge's government of cadets was excellent, and that this was the universal opinion of the professors; that Captain Partridge is very active, persevering, and indefatigable; that he is fully competent as professor of engineering, etc. Proc. Court of Inquiry, MS., p. 171. (A)
- The treasurer receives 1 per cent on payments made to [for] cadets: Regulations for the treasurer, U. S. Military Academy. Proc. Court of Inquiry, MS., p. 301. (A)
- 1816 P-1818.** Enfield (William): Institutes of natural philosophy, theoretical and practical . . . with some corrections, change in the order of the branches, and the addition of an appendix to the astronomical part, selected from Mr. Ewing's Practical Astronomy, by Samuel Webber. Boston, 2d Am. ed., 1811, 1 vol., Q. (Text-book, Department Natural and Experimental Philosophy, 1816 (?)—1818.) Report Supt. U. S. Military Academy, 1896, p. 15, and Partridge, MS.
- 1816-1826.** Semiannual rolls of cadets. Originals in A. G. O., O. M. A.; copies in Adjutant's Office, U. S. Military Academy. (A)
- 1816-1830.** The Military Academy at West Point unmasked; or corruption and military despotism exposed. By Americanus [said to be Capt. Alden Partridge]. Washington, 1830, 1 vol., O., pp. 28. (A)
- 1816-1875.** The quarters north of the gymnasium were built at the following dates: No. 5, 1829; 7, 1816; 9 was built during the Revolution and served as headquarters; 11, 1858; 15, 1816; 19, 1881; 21, 1821; 23, 1820; 31, 1828; 35, 1826, 39, 1821; 43, 1875. Records of Quartermaster, U. S. Military Academy, Letter Book, November, 1889, p. 115. (A)
- 1816-1902.** Instruction in fencing has been continuously given during this period. H. J. K.
- Masters of the sword: Pierre Thomas, 1816-1826; Pierre Trainque, 1826-27; Louis S. Simon, 1827-1832; Albert Jumel, 1832-1837; Ferd. Dupare, 1837-1840; H. G. Boulet, 1840-1842; P. de Janon, 1846-1858; Antone Lorentz, 1858-1884; H. J. Koehler, 1885-1902.
- Post cemetery first laid out in 1816. Total number of recorded interments to July 1, 1902, 1,198. See Report of Quartermaster U. S. Military Academy, in Rept. Supt. U. S. Military Academy, for 1902, p. 43. (A)
- Records of courts of inquiry and courts-martial held at West Point on file in office of Judge-Advocate-General, War Dept.
- 1817, January 20.** Adjutant-General writes to General Swift. He has for the first time received a report from the post of West Point and of the Military Academy. Your presence at West Point will give the system the energy requisite. MS. O. M. A., A. G. O.
- 1817, January 21.** Secretary of War approves General Swift's purpose to employ Captain Partridge temporarily as instructor of tactics. U. S. Military Book No. 9.
- 1817, January 31.** Captain Partridge requires knapsacks for cadets. MS. O. M. A., A. G. O.

- 1817, February 21.** Captain Partridge to General Swift. Incloses memorandum of cadet uniform. MS. O. M. A., A. G. O. [Memorandum not found.]
- 1817, March 2.** Captain Partridge to General Swift, inclosing system of regulations for Military Academy drawn up by himself. MS. O. M. A., A. G. O.
- 1817, March 3.** Cadets should each have a copy of Hutton's Mathematics. MS. O. M. A., A. G. O.
- 1817, March 5.** Captain Partridge to General Swift. Submits a course of studies devised by himself. Separate classes abolished. Each cadet to graduate when he finishes his work. MS. O. M. A., A. G. O.
- 1817, March 6.** Rules and regulations for the government of the U. S. Military Academy. (Secretary Crawford.) Records U. S. Military Academy, 1814-1838, pp. 14-16. *See* July 23, 1818. (A)
- Captain Partridge to General Swift. Announces that several advanced students had formed a class in philosophy [independent of Colonel Mansfield]. Asks for a board of visitors. MS. O. M. A., A. G. O.
- 1817, March 15.** Cadets were marched to the mess hall in squads. MS. O. M. A., A. G. O.
- 1817, March 31.** Professor Mansfield to General Swift. Writes that there is abuse in allowing carpenters, tailors, discharged soldiers, etc., to build little houses on and about the plain, in addition to getting their wood off of the public property and affording asylum for all sorts of people. MS. A. G. O., O. M. A.
- 1817, March.** Captain Crozet writes to General Swift that it is injurious for young men destined for different corps of the Army to be in the same school. West Point is not a proper site for the Academy [too far from centers of learning and manufacture]. MS. A. G. O., O. M. A.
- 1817, April 14.** Major Burton, of New York, furnishes uniform trousers for cadets. Tactics taught to cadets by Captain Partridge. MS. O. M. A., A. G. O.
- 1817, April 27.** Professor Mansfield to General Swift. He has bought a number of books for his department—Martin's philosophy among them. MS. *in* A. G. O., O. M. A.
- 1817, May 19.** President of United States desires Major Thayer to be ordered to West Point as Superintendent during General Swift's absence. The President intends to visit West Point shortly. War Dept. Military Book No. 9.
- 1817, May 23.** Captain Partridge asks for 5,000 musket flints for Military Academy, etc. MS. O. M. A., A. G. O.
- 1817, July 5.** Visit of corps of cadets to New York. Extract from Niles Weekly Register, July 5, 1817. (A)
- 1817, July 17.** Order of Chief of Engineers to Major Thayer to take command of post of West Point and of Military Academy. Records U. S. Military Academy, 1814-1838. (A)
- 1817, July 27.** Major Thayer assumed command of the U. S. Military Academy. (His letter to Secretary of War.) Cullum MS. (A)
- Major Thayer to General Swift. He assumed command at West Point, and finds two professors in arrest. Wishes them relieved, or their places filled. MS. *in* O. M. A., A. G. O.
- 1817, July 28.** Captain Partridge to General Swift. Inclosing charges, etc., against Professors Mansfield and Ellicott, Mr. Snowden, and Teacher Berard. Asks for court of inquiry on himself. Has preferred charges against Captain O'Connor. MS. O. M. A., A. G. O.
- 1817, July to August.** Cadet Ryland was adjutant of the post. Proc. General Court-Martial, MS., p. 62. (A)
- 1817, August 1.** Major Thayer writes to General Swift; wishes a captain of infantry as instructor of tactics, lieutenant of artillery, ditto; also a quartermaster and adjutant. MS. *in* O. M. A., A. G. O.
- 1817, August 2.** Adjutant-General to Major Thayer, directing him to release professors from arrest. MS. O. M. A., A. G. O.; also *in* Cullum MS.
- 1817, August 6.** Secretary of War to Major Thayer. As Superintendent of Military Academy he is subject only to the order of the President of the United States. Thayer's report to Swift will be sent to the President. About \$70,000 is available. War Dept. Military Book No. 9.
- 1817, August 8.** The Adjutant-General will order all cadets to report at West Point Sept. 1. Captain O'Connor has translated a book for the Military Academy [Science of War]. War Dept. Military Book No. 9.
- After this date cadets must report at West Point on Sept. 1 as candidates. Their examination and admission at any other time is irregular. Letter of Secretary of War to Major Thayer, at whose request the order was issued. Cullum MS. (A)
- 1817, August 31.** Captain Partridge to General Swift. Reports that he took

- command of West Point Aug. 29. Major Thayer occupied his quarters and declined to vacate. The senior officer of engineers present is by law Superintendent. MS. O. M. A., A. G. O.
- 1817, September 1.** One hundred and seventy-five cadets present; admitted since, 12; absent without leave, 30 (not returned from furlough). Major Thayer's letter to the Secretary of War, Oct. 1, 1817. Cullum MS. (A)
- 1817, September 3.** Secretary of War notifies Major Thayer that Captain Partridge and Lieutenant Davies have been placed in arrest. Major Thayer is to report on the "daring act of mutiny." War Dept. Military Book No. 9.
- 1817, September 5.** Academic duties will begin at 8 a. m. Sept. 6. Records U. S. Military Academy, 1814-1838. (A)
- The Washington City Daily Gazette contains an article signed "A friend to the injured" bearing on the case of Captain Partridge. Proc. General Court-Martial, MS., p. 146; given *ibid.*, MS., pp. 154, 155.
- 1817, September 6.** Circular from Major Thayer to each professor of the Military Academy, requiring a programme of study in his department and a memoir showing the method of instruction. Cullum MS. (A)
- 1817, September 11.** Major Thayer writes to General Swift. Reports that the adjutant and some cadets escorted Captain Partridge with the band when leaving the post. MS. in O. M. A., A. G. O.
- 1817, September 12.** The New York Columbia, newspaper, contains an appeal from Capt. A. Partridge to the public. Proc. General Court-Martial, October, 1817, MS., p. 10; given in full *ibid.*, MS., pp. 147-153.
- 1817, September 23.** Captain Partridge to General Swift. In reference to his assumption of the command and temporary superintendence of the Military Academy. MS. O. M. A., A. G. O.
- Cadet uniform. Chevrons prescribed, etc., in Thayer's order. Boynton's History of West Point, p. 218; U. S. Military Academy Order Book, 1817. (A)
- Major Thayer's orders: Cadets organized into a battalion of two companies, with a cadet colonel, adjutant, sergeant-major, etc. Cadet rank distinguished by gold lace and by yellow ribbon chevrons. A commandant of cadets was appointed by the Superintendent. Boynton's History of West Point, p. 218. (A)
- 1817, September 25.** President of the United States, through Secretary of War, directs a court-martial at West Point on Captain Partridge and a court of inquiry on the charges against academic staff. General Scott will be president of both courts. War Dept. Military Book No. 9.
- 1817, September 29.** Cadet Pinckney, of South Carolina, was notified by Major Thayer in writing to return to West Point for duty. His father writes to General Swift to say that as the equinox was approaching the return by sea was hazardous and as the country was sickly his return by land was dangerous, and asks that he be allowed to return in the middle of October. Thomas Pinckney to J. G. Swift, Swift MSS. (A)
- 1817, September.** Since this date each instructor has rendered a weekly class report. Major Thayer's letter of Jan. 30, 1818, to the Secretary of War, Cullum MS. (A)
- 1817, October 2.** Captain Partridge writes to General Swift. Asks for his old quarters at West Point, viz: the small house near the old Academy. MS. O. M. A., A. G. O.
- 1817, October 11.** Secretary of War authorizes Major Thayer to engage a teacher of French at former salary. War Dept. Military Book No. 9.
- 1817, October 16.** The present check-book system instituted by Colonel Thayer. Jour. Mil. Serv. Inst. U. S., vol. 2, p. 463. (A)
- 1817, October 20.** Proceedings of a general court-martial convened at West Point for the trial of Capt. A. Partridge. General Scott, president. Copy from original in office of the Judge-Advocate-General. MS., 1903, 1 vol., 8°, pp. 175. *Charges:* I. Neglect of duty and unofficerlike conduct—10 specifications; II. Conduct unofficerlike and to the prejudice of good order and military discipline—4 specifications; III. Disobedience of orders—2 specifications; IV. Mutiny, and beginning and exciting mutiny—4 specifications. *Pleadings:* Not guilty to each and all. *Findings:* Of Charge I, not guilty; of Charge II, not guilty; of Charge III, guilty; of Charge IV, not guilty. *Sentence:* To be cashiered. The court, in consideration of the zeal and perseverance which the prisoner seems uniformly to have displayed in the discharge of his professional duties up to August, 1817, beg leave to recommend him to the clemency of the President of the United States in the hope that the punishment may be remitted. The court further is of opinion that Charges

- I and II, and most of the specifications under them, were but frivolous and vexatious. *Action*: The President approves the sentence and proceedings, except that part which pronounces certain charges, etc., frivolous and vexatious, and, in consideration of the recommendation of the court, remits the punishment. Captain Partridge is released from arrest and returned to duty. (A)
- 1817, November 1.** Practical military instruction ceased on this date for the year. Letter of Major Thayer to the Secretary of War, Oct. 1, 1817. Cullum MS. (A)
- 1817, November 4.** As many cadets as General Scott may require to be detailed as copyists for the general court-martial of which he is president. Order of the Adjutant and Inspector-General. Cullum MS. (A)
- 1817, November 27.** General Orders, Adjutant-General's Office, in relation to general court-martial for trial of Captain Partridge, findings: Charge I, not guilty; Charge II, not guilty; Charge III, guilty; Charge IV, not guilty. Sentence, to be cashiered, but recommended to clemency. President of United States remits the punishment and restores him to duty.
- 1817, December 13.** Secretary of War writes General Swift that the Superintendent of the U. S. Military Academy is not under the command of the Chief Engineer while he is absent from Military Academy. War Dept. Military Book No. 9.
- 1817.** Major Thayer divided classes into sections for recitation; instituted weekly transfers between sections; established daily marks; published an annual register; provided an annual Board of Visitors; introduced the check-book system of accounts; organized the academic board as at present, etc. Boynton's History of West Point, p. 218. (A)
- The cost of the public buildings, etc., was, up to this date, \$115,354.15 [not including the "east barracks," \$45,000]. See *The Military Academy Unmasked* (1830), p. 9. (A)
- [As to the controversy between Gen. J. G. Swift and Capt. A. Partridge relating to the command at West Point.] In MS. correspondence between Major-General Jackson and Brevet Major-General Scott. MS. p. 17. Also in Thayer Cullum MSS. (A)
- North (cadet) barracks built—demolished 1851. A description and view of it in Boynton's History of West Point, p. 255. (A)
- 1817.** Report on the Military Academy at West Point. Acting Secretary G. Graham, Feb. 15, 1817. House Docs. 14th Cong., 2d sess., 21 pp. (A)
- Cemetery laid out; road to it built 1839 or 1840; enlarged 1890 and 1900; enlargement laid out 1903. (A)
- Cadet uniform. Chevrons prescribed. Journal M. S. I., vol. 2, p. 405. (A)
- General Orders, War Dept., about court of inquiry. MSS. in Colonel Larned's possession.
- Martin (Benjamin): The philosophical grammar; being a view of the present state of experimented physiology or natural philosophy. In four parts. London, 126 pp., vol. 2, 8°. (Text-book, department nat. and experimental philosophy, Apr., 1817.)
- 1817-18.** "From Sept. 1, 1817, to Mar. 1, 1818, the number of cadets absent without leave was at no time less than 12." Major Thayer to Secretary of War, May 3, 1818, Cullum MS. (A)
- Cadet punishments — examples; cadets permitted to wear whiskers, but not mustaches or beards (p. 467); vacations abolished (Apr. 15, 1818); furloughs may be granted during the encampment. Jour. Mil. Serv. Inst. U. S., vol. 2, pp. 458-474. (A)
- 1817-1830.** Cadets were made to do police duty, wheeling wheelbarrows, etc., for punishment. See *The Military Academy Unmasked* (1830), p. 8. (A)
- Camp was pitched on the grass parade. *The Military Academy unmasked* . . . (1830), p. 20. (A)
- 1817-1832.** Adjutant's office in basement of superintendent's quarters till it was moved to second floor, east end of Academy. William Ward.
- 1817-1833.** Early discipline at the U. S. Military Academy. Jour. Mil. Serv. Inst. U. S., vol. 2, p. 448. (A)
- See Cullum (G. W.): Address at the unveiling of the statue of General Thayer at West Point, June 11, 1883. In Cullum's Biog. Register, vol. 3, p. 633. (A)
- 1817-1836.** Music masters: Richard Willis, June 16, 1817 to 1830?; Alex. Kyle, 1830-1836; Joseph Lucchesi, 1836. Park's Sketch of West Point, pp. 85, 98. Boynton's History of West Point, p. 337. (A)
- 1817-1837.** Monthly returns of merit and general merit for cadets. Originals in A. G. O., O. M. A.; copies in U. S. Military Academy. (A)
- 1817-1877.** The varying practice as to the making of cadet officers from dif-

- ferent classes described in Jour. Mil. Serv. Inst. U. S., vol. 2, pp. 456-457. (A)
- 1817-1896.** Department of ordnance and gunnery, U. S. Military Academy, organized 1857—its history. A department of artillery mentioned 1817 and it continued to 1857, when the department was organized by the academic board. History of the department; text-books used. Rept. Supt. U. S. Military Academy, 1896, p. 176. (A)
- 1817-1901.** Brief history of the Academy. In Michie's McClellan, pp. 8 et seq. (A)
- 1818, January 8.** Secretary of War directs Major Thayer to forward a complete plan of all buildings for the Committee of Congress on Ways and Means. War Dept. Military Book No. 9.
- 1818, February 10.** Secretary of War (Calhoun) is gratified with the progress of the Military Academy. Orders names of five most distinguished cadets, etc., published in the Army Register. War Dept. Military Book No. 10.
- 1818, February 14.** The Secretary of War directs the names of the five most distinguished cadets in each class to be annually published in the Army Register, etc. (The practice continues to this day.) Boynton's History of West Point, p. 219; Records U. S. Military Academy, 1814-1838, p. 17. (A)
- 1818, February 25.** Capt. John Bliss has been detailed as instructor of tactics. War Dept. Military Book No. 10.
- 1818, March 25.** Major Thayer recommends granting an indefinite furlough to Cadet Delafield, who will aid in surveying the boundary line between the United States and Canada. MS. in O. M. A., A. G. O.
- 1818, March.** Cadet sections assembled at the beat of drums. Bugle calls were not introduced till about 1840. Jour. Mil. Serv. Inst. U. S., vol. 2, p. 466. (A)
- 1818, April 1.** Captain Partridge resigns his commission. MS. O. M. A., A. G. O.
- 1818, April 3.** Major Thayer writes respecting uniform for band. MS. in O. M. A., A. G. O.
- 1818, April 13.** Order of the Engineer Department: Cadets may be employed as acting assistant professors with increased pay of \$10 per month. (See 1823, Sept. 10, for mark of this grade by additional buttons on uniform coat.) Boynton's History of West Point, p. 221. (A)
- 1818, April 14.** Act of Congress organizes the department of geography, history, and ethics, the chaplain U. S. Military Academy to be the head of the department. Rev. T. Picton, professor 1818-1825; Rev. C. P. McIlvaine, 1825-1827; Rev. T. Warner, 1828-1838; Rev. J. Adams, —; Rev. M. P. Parks, —; Rev. W. T. Sprole, 1847-1856; Rev. J. W. French, 1856-1871; Rev. J. Forsyth, 1871-1874; Rev. W. M. Postlethwaite, 1874-1896. Rept. Supt. U. S. Military Academy 1896, p. 157. (A)
- 1818, April 15.** Vacations are abolished; furloughs will be granted usually during camp; the Superintendent is authorized to detail cadet instructors. Records U. S. Military Academy, 1814-1838. (A)
- 1818, April 20.** Major Thayer to General Swift. Twelve thousand copies of a treatise on the science of war translated by Captain O'Connor have been deposited at West Point. One copy should be given to each graduated cadet. MS. O. M. A., A. G. O.
- 1818, April 25.** Major Thayer requests permission to build a gun house. MS. in O. M. A., A. G. O.
- 1818, May 12.** Major Thayer writes General Swift. Requesting to be relieved as Superintendent U. S. Military Academy. MS. O. M. A., A. G. O.
- Order from the Engineer Department: Cadets failing to join at the expiration of their furloughs shall have their pay stopped; if absent without leave for more than two months, to be dismissed the service. Park's Sketch of West Point, p. 86. (A)
- 1818, June 12.** E. W. Phelps acted as steward at West Point May, 1817, to May, 1818, under agreement to receive \$10.50 monthly for cadets' mess per person. About \$1,000 is due to him. He requests payment. MS. O. M. A., A. G. O.
- 1818, June 25.** Academic board recommends 23 cadets for promotion. Approved by the inspector, excepting that Cadet Bache should be appointed to the Engineers. MS. O. M. A., A. G. O.
- 1818, June.** A merit roll of class standing for the first class made out, for the first time, according to the system of Major Thayer. Cullum MS. (A)
- 1818, July 16.** Major Thayer requests 200 muskets, New Haven pattern. MS. O. M. A., A. G. O.
- 1818, July 23.** Regulations approved by the Secretary of War. See Mar. 6, 1817. In Records U. S. Military Academy, 1814-1838, pp. 16-17. (A)
- Order of the Secretary of War provides for semiannual examination, Jan. 1, June 1; candidates to report

- June 25, etc.; annual encampments July 1 to Aug. 31; furloughs to be granted—not more than one-fourth of the corps to be absent at any one time and every graduate to have been present during two encampments. Boynton's *History of West Point*, p. 223. (A)
- 1818, July 26.** All communications from the Military Academy are to be made through the Chief Engineer. MS. O. M. A., A. G. O.
- 1818, August 2.** Cadets at West Point, 165; recently commissioned, 23; resigned, 11; estimated total Aug. 31, 131; appointed, 80; vacancies, 39; total, 250. Cullum MS. (A)
- 1818, August 28.** Major Thayer reports that Mr. Zoeller intends to resign. Recommends that he be not permitted to do so until another is appointed. MS. O. M. A., A. G. O.
- 1818, October 26.** Major Thayer and academic board are anxious to have a knowledge of English grammar added to the entrance requirements. Cullum MS. (A)
- 1818, October.** Wood's monument erected. Boynton's *History of West Point*, p. 302. [It stood till after 1821 in the middle of the parade ground, and till after 1870 on a knoll near Trophy Point, and is now in the cemetery.] (A)
- 1818, November 1.** Academic staff writes to Secretary of War on the importance of observing the order of merit in making appointments in the Army, noting cases. MS. O. M. A., A. G. O.
- 1818, November 18.** Major Thayer asks that a railing be put around Wood's monument. MS. O. M. A., A. G. O.
- 1818, November 26.** Rules with respect to the promotion of cadets. Cullum MS. (A)
- 1818, December 9.** A court of inquiry convened at West Point. Records U. S. Military Academy, 1814-1838. (A)
- 1818.** A Board of Visitors in this year. Colonel Thayer's letter, Feb. 11, 1853. Cullum MS. [It was not the first one.]
- Charges preferred by 5 cadets against the commandant of cadets, Capt. John Bliss, Sixth Infantry—throwing stones at cadets; violently throwing them out of ranks; swearing at them, etc. *In The Military Academy Unmasked* (1830), p. 26. (A)
- Papers relating to West Point. The cadets and others. Nov. 22, 1818. Ex. Papers, No. A-14, 15th Cong., 1st sess., vol. 2, 62 pp. (A)
- Report on army contingent expenses. Secretary J. C. Calhoun, Feb. 19, 1818. House Docs., No. 104, 15th Cong., 1st sess., vol. 5, 160 pp. (A)
- to **1818.** Simson (Robert): Elements of conic sections, 2d ed., Edinburgh, 1792, 1 vol., O. (Text-book department of mathematics, — to 1818.) Rept. Supt. U. S. Military Academy, 1896, p. 43. (A)
- 1818 to —.** Vernon (Guy) de: A treatise on the science of war and fortification . . . translated by John M. O'Connor, captain, U. S. Army. New York, 1817, 2 vols., O. (Text-book department civil and military engineering, 1818 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 160. (A)
- Gregory (Olinthus): A treatise of mechanics, theoretical, practical, and descriptive, 3d ed., London, 1815, 2 vols., O. (Text-book department natural and experimental philosophy, 1818 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 15. (A)
- 1818-1827.** Farrar's text-books used at West Point and Harvard University. Life of D. Treadwell, p. 394 of centennial volume, Amer. Acad. Arts and Sciences. (A)
- 1818 to 182-.** Hutton (Charles): A course of mathematics in two volumes . . . revised and corrected by Robert Adrian from 5th and 6th L. ed. New York, 1818, 1 vol., O. (Part relating to conic sections used as text-book department of mathematics, 1818 to 182-.) Rept. Supt. U. S. Military Academy, 1896, p. 43. (A)
- 1818-1863.** History of the U. S. Military Academy band. Boynton's *History of West Point*, p. 335. (A)
- Lists of the five "most distinguished" cadets given. Boynton's *History of West Point*, pp. 325-334. (A)
- 1818-1882.** Latrobe (John H. B.): Reminiscences of West Point from September, 1818, to March, 1882 . . . East Saginaw, Mich., 1887, 1 pam., 8°, 36 pp. (A)
- 1818-1884, 1837-1884.** Summary of Congressional appropriations (sum \$3,422,539.83); table of the amounts annually paid to cadets 1818-1884 (total \$6,439,890.08). Rept. Board of Visitors, 1884, p. 849. (A)
- 1818-1889.** Amounts paid cadets each year 1818-1839; total, \$7,213,230.77. Rept. Board of Visitors, 1889, p. 1093. (A)
- 1818-1896.** Department of civil and military engineering U. S. Military Academy; list of text-books; the methods of the École Polytechnique were introduced 1818 by Crozet; [those

- of Metz in 1830 by Mahan; those of Woolwich 1801-2 by Baron.] Rept. Supt. U. S. Military Academy, 1896, pp. 160-165. (A)
- 1818-1902.** Annual Register of the Officers and Cadets [separately printed each year from] 1818 to date. (A)
- 1819, January 1.** Catalogue of the cadets of the U. S. Military Academy, West Point, Jan. 1, 1819 [total, 230]. 1 sheet f°. (A)
- 1819, January 15.** Letter from Secretary of War (Calhoun) to Colonel Thayer. (A)
- Report of the Secretary of War [Calhoun] on an additional military academy. Amer. State Papers, vol. 1, p. 834. (A)
- Report on U. S. Military Academy by General Bernard and Colonel McRee. Amer. State Papers, Military Affairs, vol. 1, p. 834. (A)
- 1819, March 27.** Mr. C. Zoeller's resignation accepted to take effect Jan. 5. Records U. S. Military Academy, 1814-1838. (A)
- 1819, May.** A general court-martial sitting at West Point decides that it has no authority to try cadets; decision negated by the Attorney-General Aug. 21, 1819. Boynton's History of West Point, p. 220. (A)
- 1819, June.** The corps of cadets organized in 4 companies for the encampment (only) and this was the rule until Apr. 3, 1827, when the permanent organization was 4 companies. Jour. Mil. Serv. Inst. U. S., vol. 2, p. 455. (A)
- 1819, August 21.** Report of Aug. 21, 1819, to Congress "on complaints against Military Academy at West Point." Amer. State Papers, Military Affairs, vol. 2, pp. 5-30.
- 1819, September 23.** Orders of Adjutant and Inspector General for a court-martial to reconvene at West Point to try cadets and the professor of engineering (Crozet). Records U. S. Military Academy, 1814-1838. (A)
- A court of inquiry convened to investigate a quarrel between two cadets. Records U. S. Military Academy, 1814-1838. (A)
- 1819.** (*See also* March, 1815.) A photographic copy of the diploma of Daniel Tyler is on file in the office of the adjutant, U. S. Military Academy. It is off the same lithographic stone as the diploma of 1870. (A)
- In relation to an additional military academy, communicated to the House of Representatives Jan. 29, 1819, by J. C. Calhoun in his Works, vol. 5, p. 54. (A)
- 1819.** Secretary of War (Calhoun) recommends a second military academy. Amer. State Papers, vol. 1, p. 834. (A)
- Exposé of facts concerning recent transactions relating to the corps of cadets of the U. S. Military Academy at West Point, N. Y. Newburgh, 1819, 68 pp., 1 pam., 8°. [Bound with it: Ragland, Cadet T.: Defense before a general court-martial held at West Point. . . . 1819. . . . Newburgh, 1819, 24 pp.] (A)
- A journal of a march [to Hudson, N. Y.] performed by the corps of cadets of the U. S. Military Academy in the year 1819. Newburgh, 1819, 1 vol., 8°, pp. 44. (A)
- Cadets petition Congress against maltreatment by officers of the Army. Amer. State Papers, vol. 2, p. 5. (A)
- List of apparatus needed by each department, U. S. Military Academy; catalogue of English books needed in its library. Rept. Board of Visitors, pp. 10-24. (A)
- Mr. North's tavern is within 100 yards of cadet barracks; the purchase of Mr. North's land is recommended. Rept. Board of Visitors, 1819, p. 9. (A)
- Paper relating to the Military Academy. Senator Williams, Jan. 21, 1819. State Papers, No. 63, 15th Cong., 2d sess., vol. 1, 2 pp. (A)
- Petition relating to West Point. Ex-Cadet Loring and others. Dec. 27, 1819. Ex. Papers, No. 14, 16th Cong., 1st sess., vol. 2, 6 pp. (A)
- Resolutions relating to military academies. Representative Johnson, Jan. 29, 1819. House Docs., No. 113, 15th Cong., 2d sess., vol. 6, 1 p. (A)
- Daily guard mounting introduced; cadet sentinels replaced bombardier sentinels in barracks. Cullum MS. (A)
- Catalogue of English books necessary for the library of the U. S. Military Academy at West Point. In Report of the Board of Visitors 1819. Estimated cost, \$6,000; foreign books, etc., \$1,000; total, \$7,000. (A)
- Fire in a room in the South Barracks—the energy of Professor Davies in extinguishing it. Cajori: Teaching and history of mathematics in the U. S., p. 119. (A)
- 1819, about.** Up to this date cadets were furnished with text-books, drawing materials, and equipments; after it cadets paid for such articles. Cullum MS. (A)
- 1819 to —.** Newton (Isaac): Sir. Mathematical principles of Natural

- Philosophy. . . Rev. & corrected by W. Davis. London, 1819, 1 v., O. (Text-book department natural and experimental philosophy, 1819 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 16. (A)
- 1819 to —.** Hachette, (J. N. P.): *Traité Élémentaire des Machines.* (Text-book department civil and military engineering, 1819 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 160. (A)
- Sganzin (M. I.): *An elementary course of civil engineering . . . translated from the French in 1827.* 3d Fr. ed., Boston, 1827, 1 vol., 8°. (Text-book department civil and military engineering, 1819 to —.) Rept. Supt. U. S. Military Academy 1896, p. 164. (A)
- Haüy, M. l'Abbé: *Traité Élémentaire de Physique.* 2d ed., Paris, 1806, 1 vol., 8°. (Text-book department natural and experimental philosophy, 1819 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 15. (A)
- 1819-1825.** Letters of Colonel Thayer on file in O. M. A., A. G. O., relating to regulations and course of study. Copies in adjutant's office, U. S. Military Academy. (A)
- 1819-1902.** Military Academy papers. Filed in A. G. O., O. M. A.
- 1820, February 25.** Report of Secretary of War to House of Representatives, Feb. 25, 1820, relative to Military Academy. Amer. State Papers, Military Affairs, vol. 2, pp. 25-98.
- Lieut. G. W. Gardiner resigns as post adjutant. Lieut. George Blaney succeeds him. Records U. S. Military Academy, 1814-1838. (A)
- 1820, June 17.** Letter of Colonel Thayer with respect to cadet uniform. Copy in A. G. O., O. M. A.
- 1820, June 29.** Requisition for 21 knapsacks for the military band and martial music of the company of bombardiers, sappers, and miners. (S. A. MS., No. 263.) (A)
- 1820, August 29, to 1823, May 1.** Capt. D. B. Douglas, Corps of Engineers, professor of mathematics during this period. Cadets detailed as acting assistant professors. Biot's application of algebra to geometry was introduced as a class book. In 1823 the text-books were: Cambridge Trigonometry; La-Croix's Algebra; Legendre's Geometry; Sganzin's Construction; Garnier's Analytic Geometry. Rept. Supt. U. S. Military Academy, 1896, pp. 43-45. (A)
- 1820, October 9.** Instruction in chemistry and mineralogy given by Surgeon Cutbush, U. S. Army. Text-books in chemistry: Henry's, 1820-1829; Turner's, 1829-1840; Webster's 1840-1843; Kane's, 1843-1858; Fownes', 1858-1884; Regnault's, 1859-1860; Bloxam's, 1884-1896; Tillman's. Text-books in mineralogy, etc.: Cleveland's, 1820-1834; Bakewell's, 1834-1841; Lyell's, 1841-1842; Dana's Mineralogy, 1839-1894; Dana's Geology, 1872-1882; Hitchcock's Geology, 1842-1872; Leconte's Geology, 1882-1896 (with Tillman's Common Rocks). Rept. Supt. U. S. Military Academy, 1896, p. 104. (A)
- 1820, October 17.** Triple rations will be allowed the Superintendent U. S. Military Academy. War Dept. Military Book No. 11.
- 1820, October.** The position of professor of mathematics offered to Prof. R. Adrain; declined. Cullum MS. (A)
- 1820, December 12.** Letter of Colonel Thayer giving bill of fare for cadets. Copy in A. G. O., O. M. A.
- 1820, December 14.** Secretary of War writes Capt. D. B. Douglass that he shall either be restored to his rank in the Engineers or be appointed professor of mathematics, U. S. Military Academy. War Dept. Military Book No. 11.
- 1820, about.** Certain cadets refused to sign the pay rolls because the amount of their (acknowledged) debts had been deducted. Rept. Board of Visitors, 1820. (A)
- 1820.** Cadet uniform coats cost \$16; vests, \$3.50; trousers, \$9.50; white vests, \$2.50; linen trousers, \$2.75; dress hat, \$8; shoes, \$3 and \$4. The pay and allowances of cadets is \$338 per year. Rept. Board of Visitors, 1820. Cullum MS. (A)
- Cadet uniform. Pantaloon very short. Remarks on length by Board of Visitors. Rept. Board of Visitors, 1820. (A)
- Cadet uniform. Coatee, white trousers, dress hat, plume, sash, sword, belt, ornament, and chevrons shown. Photo in U. S. Military Academy, Miscell., vol. 1, p. 40. (A)
- Reorganization of the West Point Military Academy. Supt. S. Thayer, Feb. 23, 1820. House Docs., No. 88, p. 18, 16th Cong., 1st sess., vol. 6, 8pp. (A)
- Report of the Academic staff of West Point Military Academy Feb. 23, 1820. House Docs., No. 88, p. 15, 16th Cong., 1st sess., vol. 6, 4 pp. (A)
- Report of the Board of Visitors (MS.). In Cullum-Thayer MS. (A)
- West Point Military Academy. General Bernard and Colonel McRee.

- Feb. 23, 1820. House Docs., No. 88, p. 26, 16th Cong., 1st sess., vol. 6, 10 pp. (A)
- 1820.** Report on the West Point Military Academy. Secretary J. C. Calhoun. Feb. 23, 1820. House Docs., No. 88, 16th Cong., 1st sess., vol. 6, 7 pp. (A)
- Report on the West Point Military Academy. Secretary J. C. Calhoun. Jan. 28, 1820. House Docs., No. 61, 16th Cong., 1st sess., vol. 5, 29 pp. (A)
- Rules and Regulations of West Point Military Academy. Lieutenant Smith. Feb. 23, 1820. House Docs., No. 88, p. 8, 16th Cong., 1st sess., vol. 6, 7 pp. (A)
- "Military Academy, West Point, N. Y." (View, and portrait of a cadet officer.) Copperplate 3 x 6½. (A)
- Journal of a march performed by the Corps of Cadets of the U. S. Military Academy in the year 1820 [to Philadelphia] [by a cadet]. [The corps was encamped at Fort Clinton June 23 to Aug. 4, returning to West Point about Aug. 30.] Newburgh, 1820. 1 vol., O., pp. 64. (A)
- The cadets went to Philadelphia during the summer, but did not enter the city on account of yellow fever there prevailing. Recollections of Gen. G. D. Ramsay, MS. (A)
- The cadets have "a library society, which has laid the foundation of a collection of books." Rept. Board of Visitors, 1820. Cullum MS. (A)
- 1820 or 1821.** "The first triennial register of graduates was printed." Colonel Thayer's letter of Feb. 11, 1853. Cullum MS. [No triennial register was ever printed, so far as is known.]
- 1820-21.** Tables showing the course of instruction in all the departments, the text-books employed, etc. Rept. Board of Visitors, 1821, p. 58. (A)
- 1820-1823.** Cleaveland (Parker): Elementary treatise on mineralogy and geology. 2d ed. Boston, 1822, 1 vol., 8°. (Text-book department of chemistry, 1820 to 1833 or 1834.) Rept. Supt. U. S. Military Academy, 1896, p. 104. (A)
- 1820-1824.** See De Peyster (Frederick): In memoriam Robert Parker Parrott. (A)
- 1820-1825.** Tytler (Alexander Fraser): Elements of general history, ancient and modern, to which are added a table of chronology, etc. 2d Am. ed. from the 5th British. Philadelphia, 1813. 1 vol., O. (Text-book, department of geography, history, and ethics, 1820-1825.) Amer. State Papers, Military Affairs, vol. 2, pp. 661; Rept. Board of Visitors, 1821-1825. (A)
- 1820-1825 and 1848-1867.** Morse (Jedidiah): The American universal geography; or, a view of the present state of all the kingdoms, states, and colonies in the known world. 6th ed. Boston, 1812. 1 vol., O. (Text-book, department of geography, history, and ethics, 1820-1825 and 1848-1867.) Cadet Register, 1848, p. 23, and 1867, p. 24, Rept. Board of Visitors, 1821-1825. (A)
- 1820-1829.** Henry (William): Elements of experimental chemistry. Philadelphia, 1823. 1 vol., O. (Text-book, department of chemistry, 1820-1829.) Rept. Supt. U. S. Military Academy, 1896, p. 105. (A)
- 1820-1843.** Paley (William): The principles of moral and political philosophy. 8th ed. Boston, 1815. 1 vol., O. (Text-book, department of history, geography, and ethics, 1820-1843.) Rept. Board of Visitors, 1821; Amer. State Papers, Military Affairs, vol. 2, p. 661; Cadet Register, 1843, p. 20. (A)
- 1820-1866.** Books of letters received are in the Engineer Department, U. S. Army. The original letters are filed in the A. G. O., O. M. A.
- 1820-1902.** The heads of the department of chemistry, mineralogy, and geology have been: Doctor Cutbush, 1820-1823; Doctor Percival, 1824; Doctor Torrey, 1824-1827; Lieutenant Hopkins, 1827-1835; Lieutenant Bailey, 1835-1838; Professor Bailey, 1838-1857; Professor Kendrick, 1857-1880; Professor Tillman, 1881-1902. All the instruction of this department transferred to the second class, 1879-80. Rept. Supt. U. S. Military Academy, 1896, p. 105. (A)
- to **1821.** Tactics. Rules and regulations prescribed for infantry drill service. (Text-book department of tactics, — to 1821.) Rept. Supt. U. S. Military Academy, 1896, p. 124. (A)
- 1821, March 2.** Act of Congress reduces the Army, but retains the U. S. Military Academy unchanged. (A)
- 1821, April 2.** Lieut. P. H. Yalt appointed post adjutant. A court of inquiry convened. Records U. S. Military Academy, 1814-1838. (A)
- 1821, April 19.** The Secretary of War directs that the corps of cadets be marched to Boston during the summer. Cullum MS. (A)
- 1821, August 14.** The corps of cadets marched to Boston. Cullum MS. (A)
- Visit of the corps of cadets to President Adams at Quincy; the corps encamped on Boston Common; the town meeting voted them a stand of colors with the motto "A scientia ad glo-

riam," which was presented. Their regimental standard showed Minerva and other devices on a white ground. J. Quincy: *Figures of the Past*, pp. 88-93. (A)

1821, August 14. Address of ex-President John Adams to the corps of cadets at his house, Quincy, Mass. Given in full in *Adams's Life and Works*, vol. 10, pp. 400-401, and App. A. (A)

1821, August. It is likely, but not proved, that the battalion color of the corps of cadets *previous* to this date bore the motto "A scientia ad gloriam," and also the word "Essayons."

— The ladies of Boston presented a white silk embroidered flag to the corps of cadets. It bore figures of Minerva, Mars, and the Goddess of Liberty, and also the word "Essayons." (No other inscription is now visible on this flag, which is No. 915 of the Ordnance Museum Catalogue of 1898.) (A)

— The inhabitants of Boston presented a blue flag to the corps of cadets. It bore an eagle, coat of arms, and the words "Presented by the inhabitants of Boston." (No other inscription is now visible on this flag, which is No. 924 of the Ordnance Museum Catalogue of 1898.) (A)

1821, October 9. Dr. J. Cutbush is allowed \$10 extra monthly for his services as chemical lecturer from Sept. 1. Records U. S. Military Academy, 1814-1838. (A)

1821, October 19. Report of General Swift to Secretary of War on the U. S. Military Academy, in June 1821. MS. in O. M. A., A. G. O.

1821. Jefferson writes to Professor Mansfield, of the U. S. Military Academy, "The real debt . . . is to its able and zealous professors." Writings of Jefferson, vol. 7, p. 203. (A)

— [Arnsmont, Mme. Frances (Wright) d'.] Views of society and manners in America in a series of letters to a friend in England during the years 1818, 1819, and 1820, by an English woman. 2d Amer. from 1st Lond. ed., with additions and corrections by the author. New York, 1821. [Ch. 9, pp. 108-124, Voyage up the Hudson; principally on West Point and the scenes of Arnold's treason.] Translated into French by J. T. Parisot and published by Bechet, aîné, at Paris, 1822, with Miss Wright as author.

— West Point in 1821, MS., 1 vol.; poems [collected], 1822, MS., 1 vol.; various, 1822, MS., 1 vol. 3 vols., MS., Q., collected by Hannibal Day, U. S. Military Academy, 1823. A footnote in the first volume shows that cadet

instructors had the privilege of wearing civilian dress [a singular method of rewarding soldiers]. (A)

1821. General Bernard and Captain Le Conte, of the Board of Visitors, report on the organization U. S. Military Academy. They would graduate infantry officers at the end of the second year, engineers and artillery at the end of the fourth. The last year would be devoted to a school of application. The other members of the board do not concur. Rept. Board of Visitors, 1821, pp. 27-41. (A)

— Cadet uniform. Probable description. "West Point in 1821," by Hannibal Day, U. S. Military Academy. (A)

— Cadet uniform: Dress hats—change from silk hat to cap 7 inches high, with round visor and diamond-shaped ornament. Plates in Q. M. G. Uniform U. S. A. (A)

— Facts throwing light on the good discipline of the cadets (pp. 27, 42) and the insubordination of same (p. 41). Rept. Board of Visitors, 1821. (A)

— Rept. Board of Visitors, 1821, refers to the case of deserter Shaw [cadet C. B. Shaw, admitted 1818, deserted July 1, 1820] and his assassin-like attempt upon Major Thayer. Loc. cit., p. 40. See also Records Military Academy, MS., p. 23. (A)

— Infantry tactics first taught as a regular course; the cadets divided into two companies, 1817; into four, 1825. Rept. Supt., U. S. Military Academy, 1896, p. 124. (A)

— [Regulations for the U. S. Military Academy, about 26 pp.] constitute article 78 of General Regulations for the Army or Military Institutes. Philadelphia, 1821, 1 vol., O. Same for 1825, in General Regulations for the Army, revised by Major-General Scott. Washington, 1825, 1 vol., O. (A)

— Report on West Point Military Academy, Secretary John C. Calhoun, Jan. 8, 1821. Ex. papers, No. 51, 16th Cong., 2d sess., vol. 4, 9 pp. (A)

1821 to —. Murray (Lindley): Lecteur François ou recueil de pieces, en prose et en vers. Philadelphia, 1812, 1 vol., O. (Text-book department modern languages, 1821 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 138. (A)

1821-1825. Vattel, M. de: The Law of Nations, or Principles of the Law of Nature applied to the Conduct and Affairs of Nations and Sovereigns. 4th Am. ed. Philadelphia, 1835, 1 vol. O. (Text-book department history, geo-

- graphy and ethics. 1821-1825.) Rept. Supt. U. S. Military Academy, 1896, p. 156; Rept. Board of Visitors, 1821-1825. (A)
- 1821-1825.** Biot (J. B.): *Essai de Géométrie Analytique, appliquée aux courbes et aux surfaces du second ordre.* Septième ed. Paris, 1826, 1 vol., O. (Text-book department of mathematics, 1821-1825, and 1825 to —.) Rept. Supt. U. S. Military Academy, 1896, pp. 25, 46. (A)
- 1821-1828.** Professors' quarters facing north [double houses of stone], the westernmost was built in 1821; the others in 1826 and 1828. Boynton's History of West Point, p. 264. (A)
- 1821-1832.** Wanostrocht (N.): A grammar of the French language, with practical exercises. 5th Am. from 14th Lond. ed. Boston, 1819, 1 vol., 8°. (Text-book department of modern languages, 1821-1832?) Rept. Supt. U. S. Military Academy, 1896, p. 138. (A)
- 1821-1837.** Semiannual rolls of cadets. Originals in A. G. O., O. M. A.; copies in adjutant's office, U. S. Military Academy. (A)
- 1821-1841.** Sage, Le: *Histoire de Gil Blas de Santillane*, Vols. I, II, III, IV. Paris, 1829, 1 vol., O. (Text-book, department of modern languages, 1821-1841.) Rept. Supt. U. S. Military Academy, 1896, p. 138. (A)
- 1822, January 16.** General court-martial order; cadets dismissed. Records U. S. Military Academy, 1814-1838. (A)
- 1822, March 11.** Letter of Colonel Thayer giving history of the Academy from 1817. Copy in A. G. O., O. M. A.
- 1822, March 30.** General Macomb reports: The U. S. Military Academy was in its infancy until 1818; prior to this there was but little system or regularity; cadets were admitted without examination and with no regard to age or qualifications; the institution was therefore filled with students more or less unfit. Amer. State Papers, Military Affairs, vol. 2, p. 381. (A)
- 1822, June 8.** The Secretary of War directs all Military Academy correspondence, etc., subsequent to this date to be filed with the Engineer Department. Records U. S. Military Academy 1814-1838. (A)
- 1822, June 11.** Lieutenant Blaney appointed post adjutant, West Point. Records U. S. Military Academy, 1814-1838. (A)
- 1822, July 25.** Reception of the corps of cadets at Newburgh on its return march from Goshen. The corps was encamped at Newburgh four days. Account of the festivities in Eager's History of Orange County, N. Y., pp. 198-199; see also p. 493. (A)
- 1822, October 10.** The uniform of the U. S. Military Academy band was white, faced with red. Boynton's History of West Point, p. 337. (A)
- 1822, October 30.** General court-martial convened at West Point. Records U. S. Military Academy, 1814-1838. (A)
- 1822.** The uniform of the band was white coats, buttonholes red, collars red, skirts of coats faced red; pompons, lower half red, top white; epaulettes, red. MS. Mem. of Wm. Ward (1902). (A)
- Chief of Engineers presents a history of the Academy. Amer. State Papers, vol. 2, p. 380. (A)
- North's tavern is believed to receive about \$50 per year from each cadet. "Captain Crozet is by far the best mathematician in the United States." Rept. Board of Visitors, p. 76. (A)
- General Bernard, General Swift, Captain Le Conte report that not enough attention is paid to the study of tactics. In our Army, where promotion is according to rank and not to merit, all officers should be equal in abilities. Artillery exercises are totally neglected; no exercises in firing cannon for six years past; is the method of discipline at U. S. Military Academy satisfactory? Rept. Board of Visitors, pp. 72-73. (A)
- The examinations are conducted fairly and the merit roll made up without favor or prejudice. The cost of maintaining a cadet for four years will not exceed \$1,800. Average annual cost per cadet is \$436. Rept. Board of Visitors, p. 68. (A)
- The Philomathean Society founded. It absorbed the Amosopic Society (April, 1816). Park's Sketch of West Point, p. 118. (A)
- Excursion through the United States and Canada during the years 1822-23; by an English gentleman. London, 1824. [Pp. 352-376, chapter on the Hudson River, with a detailed description of the West Point Military Academy.]
- Report on the Military Academy. Secretary J. C. Calhoun, Apr. 2, 1822. Ex. Papers, No. 104, 17th Cong., 1st sess., vol. 6, 28 pp. (A)
- Report on the Military Academy. Committee on Military Affairs, Mar. 4, 1822. Reports of Committees, No. 54, 17th Cong., 1st sess., vol. 1, 3 pp. (A)

- 1822.** A, Catalogue, of books in the library of the U. S. Military Academy, August, 1822. Printed by Ward M. Gazlay, Newburgh, N. Y., 1822. 1 pam. O. [24 pp.] Contains about 750 titles. (A) [The catalogue of 1853 says that the one of 1822 has 22 pages; but perhaps the one of 1822 is not complete, as it breaks off in History with the letter D.]
- Register of cadets who have graduated at the U. S. Military Academy and received commissions in the Army of the United States from June, 1802, to July, 1822, inclusive. n. p., n. d., 1 vol. Q. pp. 8. (A)
- 1822-23.** In infantry drills the older cadets, in rotation, are put in command of the battalion. Rept. Board of Visitors, 1822, p. 67; *ibid.*, 1823, p. 86. (A)
- 1822-1888.** Report of the Military Academy post fund (to) 1888. MS., 1 vol. Q. pp. 38. (A)
- 1823, March 12.** Ten dollars monthly allowed to the librarian. Records U. S. Military Academy, 1814-1838. (A)
- 1823, April 26.** Professor Crozet's resignation accepted; and (Apr. 28) Professor Douglas takes his place. Prof. C. Davies appointed professor of mathematics vice Douglas. Records U. S. Military Academy, 1814-1838. (A)
- 1823, May 1, to 1837, May 31.** Charles Davies, professor of mathematics during this period. Lacroix's Trigonometry was used as a text-book in 1824; also Biot's Analytical Geometry and Lacroix's Calculus, Crozet's Descriptive Geometry, Ross's Bourdon's Algebra (1831). By 1839 all the text-books in mathematics were from the hand of Professor Davies. Rept. Supt. U. S. Military Academy, 1896, pp. 45-46. (A)
- 1823, June 14.** Lieutenant Ross and Cadet Searle detailed for topographical duties. Military Academy records, MS. (A)
- 1823, August 27.** Description of a review of the corps of cadets by General Scott. Leonidas Polk, vol. 1, p. 53. (A)
- 1823, September 10.** Cadets acting as assistant professors to wear additional buttons on uniform coat. Boynton's History of West Point, p. 222. (A)
- 1823, December 12.** The use of tobacco by cadets is forbidden. When cadets fail in examinations the reasons of such failures will be given by the academic board. Engineer orders. Military Academy records, MS. (A)
- 1823.** Miss Leslie was commissioned to paint a standard for the corps of cadets; the device is not mentioned. War Dept. records. (*See* this catalogue, August, 1821.) (A)
- Regulations of the U. S. Military Academy at West Point. New York, 1823, 1 vol., O, pp. 40+.
- Military Academy. Article 78 (Army Regulations).—Organization [etc.]. Washington, 1823, 31 pp., inc. 4 tab.
- The cannon now in the chapel given by the heirs of Major-General Greene to U. S. Military Academy. Boynton's History of West Point, p. 295. (A)
- *See* pp. 301, 302 of Morse (J. and R. C.): The Traveler's Guide, or Pocket Gazetteer of the United States. New Haven, 1823, 1 vol., O. (A)
- to 1823. Hutton (Charles): Course of mathematics. 3d ed. London, 1800, 1 vol., O. (Text-book department of mathematics, — to 1823.) Rept. Supt. U. S. Military Academy, 1896, p. 39. (A)
- 1823 to —.** Lacroix (S. F.): Elements of algebra . . . translated from the French by John Farrar. 2d ed. Cambridge, 1825, 1 vol., O. (Text-book department of mathematics, 1823 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 45. (A)
- Legendre (A. M.): Elements of geometry . . . translated from the French . . . by John Farrar. 2d ed. Cambridge, 1825, 1 vol., O. (Text-book department of mathematics, 1823 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 45. (A)
- An elementary treatise on plane and spherical trigonometry and on the application of algebra to geometry . . . translated from the French by Cummings and Illiard for the use of the students of the university at Cambridge. 1st ed. Cambridge, 1820, 1 vol., O. (Text-book department of mathematics, 1823 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 45. (A)
- Sganzin (M. J.): Programme ou Résumé des leçons d'un Cours de Constructions. Quatrième éd. Paris, 1839, 3 vols., O. (Text-book department of mathematics, 1823 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 45. (A)
- 1823, after.** United States circuit court: "This book is the copy of the Arithmétique d'Emile annexed to the second depositions of Bartlett and Church and to that of Berard in the case of Emerson v. Davies (?) et al. Jno. Pickering

- for plaintiff; Wm. J. Austin, of counsel for defendants." (A)
- 1823-24.** Garnier (J. G.): *Géométrie Analytique ou Application de l'Algèbre à la Géométrie*. Deuxième éd. Paris, 1813, 1 vol., O. (Text-book department of mathematics, 1823-24.) Rept. Supt. U. S. Military Academy, 1896, p. 45. (A)
- 1823-1827.** Leonidas Polk, vol. 1, pp. 48, 51, 52, 80, 83, 96, 192, 266. (A)
- 1823-1829.** History of U. S. Military Academy. See Thayer (S.), correspondence with Kilian, book dealer, Paris, 1823-1829, regarding books for the library U. S. Military Academy. 1 vol., bound, O. (A)
- 1823-1902.** Department of civil and military engineering. Capt. Alden Partridge, professor, 1813-1816; Claude Crozet, 1817-1823; Capt. D. B. Douglas, 1823-1831; Lieut. D. H. Mahan, 1831-1871; J. B. Wheeler, 1871-1884; Capt. J. Mercur, 1884-1896; Capt. G. J. Fieberger, 1896-1902. Rept. Supt. U. S. Military Academy, 1896, pp. 160-162. (A)
- 1824, February 24.** Discharged cadets shall be entitled to transportation home and their pay during the journey, computing at the rate of 20 miles per day. Military Academy records, MS. (A)
- 1824, February 27.** A court-martial finds several cadets guilty of intoxication and assigns punishments (dismissal in most cases). A voluntary temperance pledge by many cadets induces the Superintendent to intercede with the President of the United States, who remits punishment in these cases. Military Academy records, MS. (A)
- 1824, February.** Voluntary pledge of certain cadets to abstain from the use of spirituous liquors. Cullum MS. (A)
- 1824, March 8.** Report of Secretary of War to House of Representatives, March 8, 1824, "on condition of the Military Academy at West Point and an estimate of the cost of establishing another one in one of the western States." Amer. State Papers, Military Affairs, vol. 2, pp. 632-665.
- 1824, March 12.** The rolls of Military Academy will in future contain the residences of cadets. Military Academy records, MS. (A)
- 1824, April 26.** Practice marches. Letter of General M—— to Colonel Thayer. (A)
- 1824, May 20.** Lieut. George Blaney resigns as adjutant of the post and is relieved. Military Academy records, MS. (A)
- 1824, May 28.** The relative rank of members of the academic staff is fixed by order of the Chief of Engineers. Military Academy records, MS. (A)
- 1824, July 9.** Four months' furlough is granted to graduates from September 1. Military Academy records, MS. See also July 14, 1825. (A)
- 1824.** Instruction in cavalry recommended. Department of chemistry and ethics. Amer. State Papers, vol. 2, pp. 633, 717.
- Professor Gimbrede, drawing-master, engraved a plate for cadet's diploma. (See February 2, 1815). War Dept. records. (A)
- Report on the Military Academy, Secretary J. C. Calhoun, Mar. 8, 1824. Ex. Papers, No. 111, 18th Cong., 1st sess., vol. 6, 60 pp. (A)
- Daily journal of the proceedings of the Board of Visitors; monthly pay and allowances of a cadet are \$28.20; a book fund deducted from the pay provides books and stationery; the cadets voluntarily contribute to the pay of the band; their board costs \$10 monthly. Rept. Board of Visitors, 1824. (A)
- cost of uniform, etc.; programme of studies and text-books; list of apparatus needed in the different departments. Rept. Board of Visitors, 1824, pp. 111-114. (A)
- List of text-books used at U. S. Military Academy. Amer. State Papers, Military Affairs, vol. 2, p. 661. (A)
- Cadets acting assistant instructors received \$20 a month extra pay, wore a double row of buttons, and had the privilege of keeping a waiter (servant). Rept. Supt. U. S. Military Academy, 1896, p. 60. (A)
- Lallemant (II.): A treatise on artillery, to which is added a summary of military reconnoitering, of fortification, of the attack and defense of places, and of castrametation . . . translated from the MS. of the author by James Renwick. New York, 1820, 2 vols. O. (Text-book department of tactics, 1824.) Amer. State Papers, Military Affairs, vol. 2, p. 661. (A)
- 1824 to —** Farrar, (J.): An elementary treatise on the application of trigonometry to orthographic and stereographic projection . . . together with logarithmic and other tables. Cambridge, 1822, 1 vol. O. (Text-book department of mathematics, 1824 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 45. (A)
- Lévizac, M. de: Theoretical and practical grammar of the French

tongue, in which the present usage is displayed and all the principal difficulties explained . . . to which has been added a treatise on French versification . . . Revised and corrected by A. C. Houel. New York, 1823, 1 vol. O. (Text-book department of modern languages, 1824 to 1872.) The copy in the library contains notes that show this book to have been used as a text-book. (A)

1824 to —. Crozet (C.): A treatise on descriptive geometry. Pt. I. Containing the elementary principles of descriptive geometry and its application to spheric and conic sections. (Text-book department of mathematics, 1824 to —.) Amer. State Papers, Military Affairs, vol. 2, p. 661. (A)

— Lacroix (S. F.): An elementary treatise on the differential and integral calculus. Cambridge, 1816, 1 vol. O. (Text-book department of mathematics, 1824 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 45.

— Lacroix (S. F.): *Traité Élémentaire de Calcul Différentiel et de calcul intégral*. Paris, 1820, 1 vol. O. (Text-book department of mathematics, 1824 to —.) Rept. Supt. U. S. Military Academy, 1896, pp. 45, 46. (A)

— Bridge (B.), Rev.: A treatise on mechanics, intended as an introduction to the study of natural philosophy. London, 1814, 1 vol. O. (Text-book department of natural and experimental philosophy, 1824 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 16. (A)

1824-25, winter of. The Dialectic Society formed [and still exists]. See this catalogue, May, 1808, April and May, 1816, and 1822; also 1831. Park's Sketch of West Point, p. 118. (A)

1824-1828. See Memoir of Jefferson Davis, by his wife, ill. New York [1890], 2 vols. O. Vol. 1, pp. 34-42, 51-54, 102-103, 487, 504, 533, and elsewhere. (A)

1824-1831. Crozet (C.): A treatise on descriptive geometry . . . Pt. II . . . its application to perspective, shades, and shadows. New York, 1821, 1 vol. O. (Text-book department of mathematics, 1824-1831.) Rept. Supt. U. S. Military Academy, 1896, pp. 46-47; Amer. State Papers, Military Affairs, vol. 2, p. 661. (A)

— Church (A. E.): Personal reminiscences of the Military Academy from 1824 to 1831. West Point, 1879, 1 vol. O. (A)

1824-1837. Reports of Board of Visitors in Amer. State Papers, Military Affairs for 1824 in vol. 2; for 1825, 1826,

1827 in vol. 3; for 1828, 1829, 1830, 1831 in vol. 4; for 1832, 1833, 1834, 1835 in vol. 5; for 1836 in vol. 6; for 1837 in vol. 7. (A)

1824-1885. The graduates of the U. S. Military Academy attend the following post-graduate schools: The artillery school, Fort Monroe, established 1824 (2 years' course); engineer school, Willets Point, 1873 (3 years); infantry and cavalry school, Fort Leavenworth, 1881 (2 years). Rept. Board of Visitors, 1885, p. 852. (A)

1824-1894. Conduct rolls of cadets. In A. G. O., O. M. A.

1825, January 21. Gen. Roger Alden is appointed military storekeeper at West Point. Military Academy Records, MS. (A)

1825, January 27. The War and Navy Departments have agreed that future vacancies in the Marine Corps shall be filled by graduates U. S. Military Academy. Military Academy Records, MS. (A)

1825, March 2. Lieut. James Green, Second Artillery, has been acting as quartermaster [of the post and also of corps of cadets] with no clerical assistance. An allowance for clerk hire is recommended. Military Academy Records, MS. (A)

1825, April 21. Lieut. H. H. Gird, Fourth Artillery, is appointed adjutant U. S. Military Academy and of the post. He has been acting in that capacity since June 9, 1824. Military Academy Records, MS. (A)

1825, July 9. Five hundred copies Infantry Tactics furnished by Davis & Force, Washington, for \$1,130.50, or \$2.25 per copy. Schuylkill Arsenal, MSS. (A)

1825, August 29. Court to try Cadet Jefferson Davis. Orders 19, U. S. Military Academy. (A)

1825, September 6. Office of sutler is abolished. Military Academy Records, MS. (A)

1825, September 9. Pierre Thomas, sword master, resigns Dec. 11. Military Academy Records, MS. Pierce Trauque was appointed (?) Nov. 17 to succeed. [Revoked.] (A)

1825, September 24. Order of Colonel Thayer mentions "officer of the week" who is over cadets; cadets may walk on the plains after dinner until 3 p. m. on Sunday instead of from 4 to 5, as heretofore. MS. (A)

1825, December 15. The quartermaster has recently ordered 70 copies of Legendre's Geometry. Schuylkill Arsenal, MSS. (A)

- 1825.** Officer in charge: His duties prescribed by the regulations of 1825. Rept. Supt. U. S. Military Academy, 1866, pp. 125. (A)
- The Board of Visitors recommends that a uniform for the professors U. S. Military Academy be fixed, and that cadet instructors shall conform strictly to the prescribed uniform. Synopsis of the course of studies; list of text-books; detailed statement of expenses of the U. S. Military Academy (p. 150); bill of fare at cadet mess (p. 153). Rept. Board of Visitors, 1825. (A)
- Secretary of War declares Academy efficient and recommends purchase of horses for lessons in equestrianism. Amer. State Papers, vol. 3, p. 109. (A)
- See President Monroe's first message to Congress, in Messages and Papers of the Presidents, vol. 2, p. 305. (A)
- Description of U. S. Military Academy and West Point in A Northern Tour, being a guide . . . Philadelphia, 1825, 1 vol., O.
- 1825 to —.** Lacroix (S. F.): *Eléments d'Algebre, a l'usage de l'école centrale des Quatre-Nations. Trezième ed., Paris, 1820, 1 vol., 8°.* (Text-book department of mathematics, 1825 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 46. (A)
- 1825-26.** Saxe-Weimar Eisenach, Karl Bernhard, duke of. Travels through North America during the years 1825 and 1826. 2 vols. Philadelphia, 1828. [Vol. 1, ch. 5, pp. 58-64, gives some description of Albany and of boats on the river; ch. 9, pp. 103-118 describes his journey from Glens Falls to New York, dwelling especially on West Point and the Military Academy.]
- 1825-1829.** See Childe (E. Lee): Life of Gen. R. E. Lee. (A)
- See Cooke, John Estlin: A Life of Gen. Robert E. Lee. (A)
- See Johnson, Bradley: Memoirs of J. E. Johnston. (A)
- See Long, A. L.: Memoirs of Robert E. Lee. (A)
- See Pollard, E. A.: The Life and Times of Robert E. Lee. (A)
- See White, Henry A.: Lee. Heroes of the Nations. (A)
- 1825-1831.** Life of O. M. Mitchel, pp. 20-40; Headley: Old Stars, pp. 28-32. (A)
- 1825-1902.** Reports of Boards of Visitors in Congressional Documents Nos. 125, 131, 144, 148, 163, 169, 181, 184, 192, 195, 203, 206, 216, 233, 238, 254, 266, 271, 279, 286, 297, 301, 314, 321, 338, 344, 354, 363, 375, 382, 395, 401, 413, 418, 431, 439, 449, 463, 470, 480, 493, 497, 503, 515, 537, 549, 569, 587, 595, 611, 634, 659, 674, 691, 711, 747, 778, 811, 841, 876, 891, 920, 943, 976, 999, 1024, 1079, 1118, 1159, 1184, 1230, 1250, 1285, 1324, 1367, 1412, 1446, 1503, 1558, 1571, 1674, 1712, 1794, 1843, 1903, 1944, 1952, 1993, 2091, 2118, 2182, 2277, 2310, 2369, 2415, 2461, 2488, 2516, 2533, 2614, 2628, 2715, 2831, 2904, 2921, 3077 [for the year 1892]. (C)
- 1826, January 26.** Report of Secretary of War to House of Representatives Jan. 26, 1826. "In relation to an increase of the number of cadets authorized at the Military Academy at West Point." Amer. State Papers, Military Affairs, vol. 3, p. 227.
- 1826, March 2.** The State of New York ceded jurisdiction over West Point to the United States, reserving the right to execute civil and criminal processes by which the property of the United States was not affected. (A)
- 1826, April 26.** Letter of S. V. R. Ryan to Colonel Thayer respecting busts and engravings. Busts [Qu? of Washington, Lafayette, and Napoleon now (1902) in the library?] were sent. Cullum MS. (A)
- 1826, June.** Description of the June examinations, etc. Life of George Ticknor, vol. 1, pp. 374 et seq. (A)
- Report of the Board of Visitors to West Point, June, 1826. Amer. State Papers, Military Affairs, vol. 3, pp. 372-388.
- 1826, August 17.** Additional regulations for the Military Academy respecting punishments authorized by the Secretary of War. Practical military instruction shall be given throughout the year; field exercises as directed by the Superintendent. Records Military Academy, MS. (A)
- 1826, December 25.** The signal "call to quarters" was sounded by a bugler (W. R. Nelson). Records Military Academy, MS., p. 189. (A)
- 1826, December 30.** Court of inquiry convened to report on certain disorders reported to have occurred Dec. 24. See court-martial of cadets, May 9, 1827, pp. 169-200. Records Military Academy, MS. (A)
- 1826.** The Board of Visitors recommends a considerable increase of the library. "The library is the principle of life to every institution for instruction whose tone can never rise higher than the means for teaching its instructors." Rept. Board of Visitors, p. 171. (A)
- The Academy progressing favorably. Less time should be devoted to French. English should be learned

- before entrance. More buildings required. Amer. State Papers, vol. 3, pp. 377 to 379. (A)
- 1826.** Attorney-General gives opinion on the laws regulating the number of cadets. Amer. State Papers, vol. 3, p. 223. (A)
- Drawing, specimens of, exhibited by the cadets at West Point, at the annual visitation in 1826. Thirteen drawings bound in 1 vol; F, obl. (15 $\frac{1}{2}$ x 20 inches.) (A)
- Report on the Military Academy. Secretary James Barbour, Jan. 23, 1826. House Ex. Docs., No. 58, 19th Cong., 1st sess., vol. 4, 22 pp. O. (A)
- Report on the Military Academy. Secretary James Barbour, Jan. 24, 1826. House Ex. Docs., No. 62, 19th Cong., 1st sess., vol. 4, 4 pp. O. (A)
- Army of the United States. Military Academy at West Point, by H. Whiting in N. Amer. Rev., vol. 23, pp. 265. (A)
- [Royall, Mrs. Anne.] Sketches of history, life, and manners of the United States, by a traveler. New Haven, printed for the author, 1826. [Pp. 270-288 describe a journey up the Hudson in a sleigh, and the cities of Albany and Troy; pp. 375-382, a visit to West Point.]
- See Life, Letters, and Journals of George Ticknor, vol. 1, p. 372. (A)
- 1826 to date.** Reports of Board of Visitors. Originals on file in A. G. O., O. M. A.
- 1827, April 3.** The corps of cadets was permanently organized in four companies. (See this catalogue June, 1819.) Jour. Mil. Serv. Inst. U. S., vol. 2, p. 455. (A)
- 1827, June 20.** An address by the Hon. Thomas B. Reed, of Mississippi, to the cadets. N. Y., 1827. 1 vol., O., pp. 40. (A)
- 1827, December 26.** Fire destroyed the "long barracks" of Revolutionary times which stood near the site of the hotel. Boynton's History of West Point, p. 253. (It stood on the site, according to the Military Academy Unmasked (1830), p. 7.) (A)
- 1827.** The doctrine of States' rights was then taught at U. S. Military Academy, according to Leonidas Polk, vol. 1, p. 266. (A)
- Abracadabra, pseud. The Empire of Reason, an allegory addressed to the Dialectic Society at the U. S. Military Academy, West Point, N. Y. The Rover, No. 6, Newburgh, 1828, 1 vol., O, pp. 24. (A)
- 1827.** Statement of the cost of the Military Academy, 1802-1828. Amer. State Papers, vol. 3, p. 816. (A)
- More attention should be given to mathematics, especially descriptive geometry. Ridingschool needed. Amer. State Papers, vol. 3, p. 637. (A)
- 1828, February 22.** The committee of cadets on Kosciusko's Monument write to General Swift for advice; signed Charles Mason, Robt. E. Lee, John MacKay, Charles Petigru, Wm. Battinger. Swift MSS. (A)
- 1828, March 31.** Prof. J. Mansfield's resignation accepted to date from Aug. 31. Records U. S. Military Academy. (A)
- 1828, July 14.** Military Academy order No. 20, fixes relative rank of members of the academic board. Records U. S. Military Academy. (A)
- 1828, August 25.** James Monroe writes to Colonel Thayer to ask him to write an account of the principles and methods on which the U. S. Military Academy is conducted. [Colonel Thayer's report has not yet been found.] Cullum MSS. (A)
- 1828, September 1, to 1834, December 31.** During this period E. H. Courtenay was professor of natural and experimental philosophy. Francoeur's Mechanics was text-book in 1830, also Bourcharlat's treatise in 1831, and Courtenay's Mechanics in 1833; Brewster's Optics in 1832, Gummere's Astronomy (displacing Farrar's) in 1834. Rept. Supt. U. S. Military Academy, 1896, p. 16. (A)
- 1828, November 6.** Military Academy order No. 41, directing the adoption of a uniform overcoat. Buttons to be stamped *Cadet*. Letter from Colonel Gratiot to Lieutenant-Colonel Thayer. Cullum MS. Also Records U. S. Military Academy. (A)
- 1828, December 5.** Captain Hitchcock appointed commandant of cadets by the War Dept. Up to this time the office had been filled by the Superintendent U. S. Military Academy or by some officer deputized by him. Thayer to Gratiot in Cullum MS. (A)
- 1828, December 10.** Cadets request permission to present a sword to Major Worth. Refused by order of President of the United States and Secretary of War. War. Dept. Military Book No. 12.
- 1828, December 31.** Report of Secretary of War to House of Representatives, Dec. 31, 1828, "On expediency of compelling cadets to continue in the military service." Amer. State Papers, Military Affairs, vol. 4, p. 40.

1828. Astronomy should be studied. Cadets should not be employed as teachers. Amer. State Papers, vol. 4, p. 23. (A)
- Register of graduates of the United States Military Academy who have been commissioned in the Army of the United States; from June, 1802, to July, 1828, inclusive. Q. [n. p. or d.]
- Report on the Military Academy. Secretary James Barbour, Jan. 4, 1828. House Ex. Docs., No. 49, 20th Cong., 1st sess., vol. 2, 5 pp., O. (A)
- Report on the Military Academy. Secretary James Barbour, Mar. 10, 1828. Senate Docs., No. 132, 20th Cong., 1st sess., vol. 4, 16 pp., O. (A)
- Report on the Military Academy. Secretary James Barbour, Mar. 13, 1828. House Ex. Docs., No. 149, 20th Cong., 1st sess., vol. 4, 7 pp., O. (A)
- Resolution on the Military Academy. Senator Benton, Mar. 11, 1828. Senate Docs., No. 136, 20th Cong., 1st sess., vol. 4, 1 p., O. (A)
- See President John Quincy Adams's fourth message to Congress in Messages and Papers of the Presidents, vol. 2, p. 417. (A)
- Kosciusko monument erected (\$5,000).
- Cadet uniform. Hat, plume, trousers, and straps shown; also cross belts. Drawing by Catlin in library U. S. Military Academy. (A)
- 1828-1832 and 1844-1848. Keyes (E. D.). Fifty years observations, etc., p. 190 and throughout the book. (A)
- 1828-1838. It is probable, though not proved, that Rawle's view of the Constitution was used as a text-book during these years in the department of law (see the copy of this book owned by Chaplain Warner now in the library U. S. Military Academy). (A)
- 1828-1884. From 1828 to July 1, 1845, the pay of a cadet was \$16 per month, plus \$0.40 per day commutation of rations; till Mar. 1, 1857, it was \$24 per month; for March and April, 1857, each cadet was paid \$59.40; from May 1, 1857, to Mar. 1, 1864, the pay was \$30; for March and April, 1864, each cadet was paid \$176.65; from May 1, 1864, to July 1, 1876, the pay was \$500 per year plus \$109.50 commutation; and to 1884 the pay was \$540. Rept. Board of Visitors, 1884, p. 850. (A)
- 1829, January 5. Cadet — tried for mutiny—striking his superior officer. Sentence: To be shot to death, with recommendation that, in consideration of youth, he be dismissed with disgrace. Action by the President dismisses with disgrace. Records U. S. M. A. (A)
- 1829, May 16. Journal of the American Association for the Promotion of Science, Literature and the Arts: Vol. 1, No. 1. Exposition of the objects and views of the associate society at West Point (this was organized 1829); No. 2; No. 3 (Roswell Park, A. M. Lea, Geo. W. Turner, committee). All printed? New York, 1831. 1 vol., O, pp. 49. (A)
- 1829, May 25. An order from War Dept. authorized officers to wear a frock coat. General Thayer wore, in his office, an old uniform coat without epaulettes. Letter of Gen. A. A. Humphreys, Dec. 23, 1880, Cullum MS. (A)
- 1829, May. President James Monroe's portrait (now in the library U. S. Military Academy), painted by Sully. Cullum-Thayer MSS. (A)
- 1829, July. Letter of Charles Sumner respecting his visit to West Point. Colonel Thayer gave him a topographical map of West Point made by Lieut. T. B. Brown. Pierce's Life of Sumner, vol. 2, p. 69. The map itself is owned by Hon. John Bigelow. (A)
- 1829, about. The cadet overcoat introduced. See The Empire of Reason, Dialectic Society, 1829, p. 24., and this catalogue 1828, Nov. 6. (A)
1829. Smith (F. H.): U. S. Military Academy, 1833. West Point fifty years ago. New York, 1879.
- Models required for engineering department. A chapel and assembly room needed. Amer. State Papers, vol. 4, p. 178. (A)
- Acoustics is not studied; artillery is taught under great disadvantages; a hospital and chapel are badly needed. Rept. Board of Visitors.
- General Orders, Adjutant-General's Office, No. 25, authorizes the Superintendent to enlist 55 men; [the artillery detachment.] (A)
- Annual Report on the Military Academy. Secretary P. B. Porter. Feb. 6, 1829. House Ex. Docs., No. 115, 20th Cong., 2d sess., vol. 3, 11 pp., O. (A)
- Regulations for the interior police and discipline of the U. S. Military Academy. Newburgh, 1829, 1 vol., O, 17 pp. (A)
- Hotel built at a cost of about \$18,000; west wing added in 1850; west wing enlarged in 1870; west wing enlarged in 1879 (?); enlargements in 1881 and later. Letter book of Quartermaster U. S. Military Academy for November, 1889, p. 110. (A)

1829-1833. Smith (F. H.): West Point fifty years ago; differences between the President of the United States and the Superintendent; O'Conner's translation of De Vernon's Science of War bought by each cadet at \$20; two examinations in engineering held in June, 1833, by order of Colonel Thayer; anecdotes. (A)

— No hazing or molesting of new cadets. *See* Smith (F. H.): U. S. Military Academy, 1833; The inner life of the V. M. I. cadet. Lexington, 1873, 1 vol., O, p. 37. (A)

1829-1840. Turner (Edward): Elements of chemistry, Edinburgh, 1827, 1 vol., O. (Text-book department of chemistry, 1829-1840.) Rept. Supt. U. S. Military Academy, 1896, p. 105. (A)

1829-1857. All explanations were to be submitted in writing; 1857-1866 they were submitted verbally; 1866-1892 all were submitted in writing; 1892-1896 either verbally or in writing. Rept. Supt. U. S. Military Academy, 1896, p. 125. (A)

182—. Account of the National Military School of the United States of America. n. p., n. d., [182-], O.

1830, March 17. Military Academy order No. 9. Court martial. A cadet refused to answer as to facts known to him through private correspondence or confidence reposed in him by another cadet. The reviewing authority (Secretary of War) held that he rightly refused. Records U. S. M. A. *See also* Feb. 22, 1831, and Dec. 8, 1831. (A)

1830, June 29. The present style of chevrons for cadet officers adopted. Jour. Mil. Serv. Inst. U. S., vol. 2, p. 453. (A)

1830, June. Horsemanship should be taught, and also fencing; the buildings at West Point should be built as part of a plan—they now present the effect of a somewhat irregular village; regulations for the hotel. Rept. Board of Visitors. (A)

— No military topography is taught; the new hospital is almost ready to be occupied; the general health of the cadets is not good during the winter, probably from lack of exercise; "no discipline could be established upon sounder principles nor administered with greater kindness, discrimination, justice, and decision than that of the U. S. Military Academy;" the cost of the new hotel is \$17,226.12; extension of the course of studies recommended. Rept. Board of Visitors. (A)

1830, November 9. Military Academy order No. 33; Remarks of the Secretary of War upon the reports received from the superintendent and inspector for the past four months. Records U. S. M. A.

1830. The Military Academy at West Point Unmasked, or Corruption and military despotism exposed, by Americanus. [Capt. Alden Partridge, Superintendent U. S. Military Academy, 1815-1817?] Washington, 1830, 1 vol., O, p. 28. (A)

— Plan for reorganizing the Military Academy, proposed [by Capt. Alden Partridge?] in The Military Academy Unmasked (1830), p. 11. The grade of cadet to be abolished; appointments to the Army by Congress; young officers to be ordered to West Point for instruction. (A)

— Diploma of Alex. J. Swift. It is the same as the diploma of 1902, except that the coat of arms, U. S. Military Academy (1902), occupies the place of an eagle with wings extended (1830); that the pompon of the cadet dress hat is black (1830), and, for a very few minor details. The earliest diploma so far known is 1819. (A)

— First cadet hospital built (now used as quarters).

— Waterworks built (\$4,500).

— Cost of each cadet to the country per year \$500; as only one-half graduate the cost of each graduated cadet is \$4,000. *See* The Military Academy Unmasked (1830), p. 10. (A)

— Reports of the Boards of Visitors of the Military Academy at West Point, in June, 1830, and June, 1831 [by Lieutenant Temple]. N. Amer. Rev., 1832, vol. 34, pp. 246-261. (P. 180)

— Language and literature should be studied. Riding school and gymnasium necessary. Two cadets from each State and Territory. No political appointments. Amer. State Papers, vol. 4, pp. 607-608. (A)

— Report relative to the Military Academy. Secretary J. H. Eaton. Jan. 6, 1830. State Papers, No. 19, 21st Cong., 1st sess., vol. 1, 6 pp., O. (A)

— Resolutions on the West Point Academy. Representative Crockett. Feb. 25, 1830. House Repts., Res. No. 7, 21st Cong., 1st sess., vol. 3, 1 p., O. (C)

— Report on the Military Academy. Secretary J. H. Eaton. Mar. 15, 1830. State Papers, No. 79, 21st Cong., 1st sess., vol. 3, 152 pp., O. (C)

1830-31. Edgar Allan Poe at West Point. *See* Harper's Mag., November,

- 1867, p. 754 (reprinted in Ingram's *Life of Poe*, vol. 1, p. 82); *ibid.*, vol. 45, p. 561, foot note (G. W. Cullum). (A)
- 1830-31.** See the article Poe (Edgar A.) in *Duyckincks Cyclo. of Amer. Lit.*, vol. 2.
- 1831, February 8.** M. A. Order No. 7, referring to the court-martial of Cadet Edgar A. Poe is given in full in Ingram's *Life of Poe*, vol. 1, pp. 89-91. (A)
- 1831, July 14.** Military Academy order No. 30. Offences divided into seven classes. Rules respecting demerits. A cadet with more than 200 demerits in any year is deficient in conduct. Records U. S. Military Academy. (A)
- 1831, September 17.** Albert Jumel accepts the position of sword master. Cullum MS. (A)
- 1831, November 29.** Military Academy order No. 42. Remarks of the inspector on outrages committed near cadet barracks. Records U. S. Military Academy. (A)
- 1831, December 14.** Cadet ——— tried by court martial for setting fire to an icehouse, etc. Finding: Guilty. Sentence: To be confined one month at Fort Columbus and then dismissed in disgrace. Action: The imprisonment remitted and the cadet dismissed. Records U. S. Military Academy. (A)
- 1831.** Regulations Dept. of War, 1831. 1 pam. O. MS., 27 pp., with seal. (A)
- Secretary of War (Eaton) recommends changes reducing the number of cadets, etc. Amer. State Papers, vol. 4, p. 676. (A)
- Letters of cadets. Cost of Military Academy from 1802 to 1829. Amer. State Papers, vol. 4, p. 307. (A)
- Board of Visitors recommends purchase of 20 horses. Amer. State Papers, vol. 4, p. 737. (A)
- A pension should be given to the professor of French, who had become blind at the Academy. Amer. State Papers, vol. 4, p. 811. (A)
- Report on the Army and Military Academy. Military Committee. Feb. 4, 1831. House Repts. No. 60, 21st Cong., 2d sess., 2 pp., O. (A)
- New colors issued to the corps of cadets (see 1821, 1823). War Dept. Records. (A)
- Report on the Military Academy. Secretary John H. Eaton. Jan. 4, 1831. House Ex. Docs., No. 27, 21st Cong., 2d sess., vol. 1, 5 pp., O. (A)
- The Lyceum of Natural History, which had existed for several years, was dissolved. Parks's Sketch of West Point, p. 119. (A)
- 1831.** Report on the Military Academy. Secretary J. H. Eaton. Jan. 28, 1831. House Ex. Docs., No. 76, 21st Cong., 2d sess., vol. 3, 9 pp., O. (A)
- The assembly trumpet call of the French infantry of 1831 is the same as the assembly (1902) at U. S. Military Academy, and has probably been in use at West Point since 1831 or so. Kastner: *Musique militaire* (1848), pl. 25, No. 2. E. S. H. (A)
- 1831 to —.** Bourdon (M.): *Elements of algebra* . . . translated from the French by Lieut. Edward C. Ross. New York, 1831. 1 vol., O. (Text-book department of mathematics, 1831 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 46. (A)
- 1831-1833.** Bourcharlat (J. L.): *Eléments de Mécanique*. Paris, 1827. 1 vol., O. (Text-book department of natural and experimental philosophy, 1831-1833.) Rept. Supt. U. S. Military Academy, 1896, p. 16. (A)
- 1831-1835.** See Haupt, Herman: *Reminiscences*. (A)
- See Bache, Richard Meade: *Life of General George Gordon Meade*. (A)
- See Pennypacker, I. R.: *General Meade*. (A)
- 1832, June 26.** Cadets then scrubbed the floors of their rooms with water. Letter of General Macomb to Colonel Thayer in Cullum MS. (A)
- 1832, October 13.** Orders No. 89. Adjutant-Generals Office. Uniform of the band prescribed. White coat, red facings, white trousers with red stripe in summer, same as for musicians of artillery in winter. Swords worn. Records Military Academy. (A)
- 1832, December 31.** The President of the United States directs that no person under 16 years of age be appointed to be a cadet. Records U. S. Military Academy. (A)
- 1832.** Regulations for the Military Academy at West Point. New York, S. J. & J. Harper, 1832. 92 pp., 9 tab., 1 facs., O. (A)
- Board of Visitors recommends higher pay for professors. Age of admission of cadets should be from 15 to 19. Amer. State Papers, vol. 5, p. 61. (A)
- Report of Senate Committee on claim of a professor of the Military Academy, who lost his eyesight, for a pension. Amer. State Papers, Military Affairs, vol. 5, p. 14.
- Report on contingent expenses of the Military Academy. Secretary L.

- Cass, Jan. 7, 1832. House Ex. Docs., No. 50, 22d Cong., 1st sess., vol. 2, 5 pp., O. (A)
- 1832.** Anonymous: U. S. Military Academy. Reports of Boards of Visitors [sic], etc. *In Amer. Quart. Rev.*, vol. 2, pp. 495-503. (P)
- 1832 to —.** Davies (C.) [U. S. Military Academy, 1815]: Mensuration. (Text-book department of mathematics, 1832 to —) Rept. Supt. U. S. Military Academy, 1896, p. 47.
- Legendre (A. M.): Elements of geometry and trigonometry, with notes, . . . translated from the French by David Brewster . . . Revised and altered for the use of the Military Academy at West Point. New York, 1828. 1 vol., O. (Text-book department of mathematics, 1832 to —) Rept. Supt. U. S. Military Academy, 1896, pp. 47, 51. (A)
- Voltaire, M. de: History of Charles XII, King of Sweden. Boston, 1884. 1 vol., O. (Text-book department of modern languages, 1832 to —) Rept. Supt. U. S. Military Academy, 1896, p. 138. (A)
- Berard (Claudius): A grammar of the French language. New York, 1826. 1 vol., O. (Text-book department of modern languages, 1832 to —) Rept. Supt. U. S. Military Academy, 1896, p. 138. (A)
- 1832-1839.** Brewster (Sir David): A treatise on optics. London, 1831. (Text-book department of natural and experimental philosophy, 1832-1839.) Rept. Supt. U. S. Military Academy, 1896, pp. 16-17. (A)
- 1832-1864.** Davies (Charles) [U. S. Military Academy, 1815]: Elements of descriptive geometry. Philadelphia, 1844. 1 vol., O. (Text-book department of mathematics, 1832-1864.) Rept. Supt. U. S. Military Academy, 1896, p. 47; Cadet Register, 1864, p. 18. (A)
- 1832-1865.** Davies (C.) [U. S. Military Academy, 1815]: A treatise on shades and shadows and linear perspective. New York, 1851. 1 vol., O. (Text-book department of mathematics, 1832-1865.) Rept. Supt. U. S. Military Academy, 1896, pp. 47, 52; Cadet Register, 1865, p. 25. (A)
- 1832-1872.** Berard (C.): Leçons Françaises a l'usage des Commencans. Philadelphia, 1822. 1 vol., O. (Text-book department of modern languages, 1832-1872.) Cadet Register, 1872, p. 27; Rept. Supt. U. S. Military Academy, 1896, p. 238. (A)
- 1833, January 7.** The President of the United States directs that hereafter no cadet shall enter until he is 16 years of age. War Department Military Book No. 13.
- 1833, November 22.** Adjutant-General's Office, orders No. 108: A cadet tried on the charge of conduct unbecoming an officer. Record, U. S. Military Academy. (A)
- 1833, November 26.** The legislature of Tennessee resolves that the U. S. Military Academy should be abolished; that of Ohio ditto, Mar. 3, 1834. *See*, in answer, the report of the House Committee on Military Affairs, May 17, 1834; and also, in favor, report of Mar. 1, 1837, House of Representatives. Park's Sketch of West Point, p. 120. (A)
- 1833.** Board of Visitors recommends study of applied mechanics; increased instruction in astronomy; more attention to cavalry and artillery drill. *Amer. State Papers*, vol. 5, p. 213. (A)
- At this date order books were complete from 1802 to 1811, and none till November, 1816. From then the series was complete. [All were burned in 1838.] Colonel Thayer's letter of Feb. 11, 1853, *Cullum MS.* (A)
- *See* Stuart (James): Three years in North America. ed. 2, rev. 2 vols. Edinburgh, 1833. [Vol. 1, ch. 3-4, pp. 34-63, voyage up the Hudson and city of Albany; ch. 17, pp. 424-435, Cat-skills and West Point; ch. 18-19, pp. 450-501, describes a carriage drive from New York to Troy on the east side of the river, and return on the west side.]
- 1833-1837.** *See* John Sedgwick, general, U. S. Army. 1 v., O. (A)
- 1833 or 1834 to 1841.** Bakewell (Robert): Introduction to geology. 3d ed. New Haven, 1829. 1 vol., O. (Text-book department of chemistry, 1833 or 1834 to 1841.) Rept. Supt. U. S. Military Academy, 1896, p. 104. (A)
- 1833-1850.** Boucharlat (M.): An elementary treatise on mechanics . . . translated from the French by E. H. Courtenay. New York, 1848. 1 vol., O. (Text-book natural and experimental philosophy, 1831-1833.) Rept. Supt. U. S. Military Academy, 1896, pp. 16-17. (A)
- 1834, April 1.** C. R. Leslie, teacher of drawing, resigns to take effect Apr. 15. Records, U. S. Military Academy. (A)
- 1834, June.** The library consisted of more than 8,000 volumes. *Amer. State Papers*, Military Affairs, vol. 5, p. 421. (A)
- 1834, November 22, to 1871, February 14.** During this period W. H. C. Bartlett was head of the department

- of natural and experimental philosophy, more than thirty-six years. Electricity was omitted from this course in 1839; Bartlett's optics replaced Brewster's in 1839, and Roget's books on magnetism, etc., replaced the Library of Useful Knowledge, the earlier textbooks. A programme for the course was adopted in 1840 essentially as above. Rept. Supt. U. S. Military Academy, 1896, p. 17. (A)
- to 1834. Farrar (John): An elementary treatise on astronomy, adapted to the present improved state of the science. Cambridge, 1827. 1 vol., O. [Text-book department of natural and experimental philosophy, — to 1834.] Rept. Supt. U. S. Military Academy, 1896, p. 16. (A)
- 1834, prior to. Before 1834 the appropriations for the pay, subsistence, etc., of officers and cadets were included in the general appropriation for the pay, etc., of the Army.
1834. Ordnance used in artillery practice is deficient. Amer. State Papers, vol. 5, p. 422. (A)
- Amer. Quart. Rev. No. 32, December, 1834. 1 vol., O. [on pp. 358-375: Academy at West Point.] (A)
- Report on Military Academy. Committee on Military Affairs. May 17, 1834. Reports of committees, No. 466, 23d Cong., 1st sess., vol. 4, 19 pp., O. (A)
- Resolutions relative to Military Academy. Legislature of Ohio. Mar. 3, 1834. Senate Docs., No. 247, 23d Cong., 1st sess., vol. 3, 1 p., O. (A)
- Statement of the history and importance of the Military Academy at West Point and reasons why it should not be abolished. Report from the Committee on Military Affairs, House of Representatives. Amer. State Papers, Military Affairs, vol. 5, p. 349. (A)
- Knapp (S. L.): Tales of the Garden of Kosciuszko. New York, 1834. 1 vol., O. (A)
- 1834-1836. Cadet chapel built at a cost of \$14,750.35.
- 1834-1838. The song "Benny Havens" said to have been written by J. T. Metcalfe, U. S. Military Academy, 1838. Ann. Assoc. Grads., 1902, p. 129. (A)
- The unpublished poetic writings of Lieut. Lucius O'Brien, deceased, Eighth U. S. Infantry, transcribed from the original by his son. Leavenworth, 1866. 1 vol., O., pp. 17. [Petite Coquille, pp. 6-7; Benny Havens, pp. 8-11.] (A)
- 1834-1855. Gummere (John): An elementary treatise on astronomy, in two parts, the first containing a clear and compendious view of the theory, the second a number of practical problems, to which are added solar, lunar, and some other astronomical tables. Philadelphia, 1822. 1 vol., O. [Text-book department of natural and experimental philosophy, 1834-1855.] Rept. Supt. U. S. Military Academy, 1896, pp. 16, 18. (A)
- 1835, March 31. No married person will hereafter be appointed a cadet. The marriage of a cadet vacates his position. Order of Secretary of War. (A)
- 1835, April 21. Rough draft of a letter from Secretary of War to the chaplain U. S. Military Academy with respect to court of inquiry ordered. MS. in O. M. A., A. G. O.
- 1835, April 24. Secretary of War directs Chief Engineer to go to West Point and to give to the Superintendent the decision of the Department respecting the conduct of the chaplain [in visiting the hospital without permission?]. War Dept. Military Book No. 14.
- 1835, August 31. Secretary of War directs General Jesup, Colonel Totten, and Colonel Crane to associate themselves with the academic board in the reexamination of Cadets Bruce and McLeod. War Dept. Military Book No. 14.
- 1835, September 1. The President of the United States orders a reexamination of two cadets by the academic board. War Dept. Military Book No. 14. [N. B.—Letter to Superintendent, Aug. 31, is missing. One leaf has been cut from book.]
- 1835, September 7. Secretary of War to Superintendent U. S. Military Academy. The court of inquiry at West Point had full power to adjourn without pursuing the investigation. War Dept. Military Book No. 14.
- 1835, September 28. Adjutant-General's Orders, court-martial order. Cadets absent on leave are still subject to Military Academy regulations. Records U. S. M. A. (A)
- 1835, November 11. Secretary of War will not appoint two cadets from the same family. War Dept. Military Book No. 14.
- 1835, November 14. Adjutant-General's Orders, court-martial order. Resolutions of corps of cadets referring to cadet mess quoted in full (pp. 469-471). Records U. S. M. A. (A)
- 1835, about. Cadet uniform cap. Cadets (and enlisted men) wore a cap of morocco with a visor (the outline not unlike those in Pl. XI, uniform of the U. S. Army Quartermaster-General) made in 3 parts—the visor, the front

half, the rear half. These folded so that it could be carried flat under the arm. The crease ran from ear to ear—not as in Pl. XI above. (Mr. W. Ward.)

- 1835.** Better howitzers necessary for artillery instruction. An assistant instructor needed. Amer. State Papers, vol. 5, p. 708.

— Cadet Carter wounded in a fencing bout died; Chaplain Warner went to the hospital to administer consolation while Carter was still alive, but neglected to obtain permission of Major De Russy, Superintendent U. S. Military Academy. For this the chaplain was placed in arrest. Keyes (E. D.): Fifty Years Observation, etc., p. 78. (A)

— See President Jackson's seventh message to Congress, Dec. 7, 1835, in Messages and Papers of the Presidents, vol. 3, p. 169. (A)

— Report on Military Academy. Acting Secretary M. Dickerson, Jan. 21, 1835. Senate Docs. No. 68, 23d Cong., 2d sess., vol. 3, 5 pp. O. (A)

- 1835-1839.** Cadets permitted to pay for private tuition (p. 26). Account of cadet life. Life of Gen. I. I. Stevens, pp. 24-59. (A)

— See Fitz Gerald (David): In Memoriam Gen. Henry J. Hunt. 1819-1889. (A)

— See Stevens, Hazard: Life of Gen. Isaac I. Stevens. (A)

- 1835-1881.** Wax impressions of the seals of class rings are owned by the Association of Graduates for the years 1835, 1837, 1840 (2 mottoes), 1841, 1843, 1845, 1847, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861 (2 classes), 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, and 1881. (The above in an album.) (A)

- 1835-1902.** Thomas Avery sounded the bugle calls for cadet recitations, etc., till 1845, though many calls were sounded on the drum. Louis Benz, bugler, 1845 to July, 1878; George Piano, bugler, Sept. 1, 1878, to June 1, 1885; Wm. L. Lewis, trumpeter, June 1, 1885, to June 30, 1902. See 1831. [For the calls see this catalogue, 1903.]

- 1836, January 14.** Debate in the House of Representatives on the resolution of Hon. Mr. Hawes inquiring if it might be expedient to abolish the U. S. Military Academy reported in Army and Navy Chronicle, p. 46. (A)

- 1836, February 14.** The application of the first class to be ordered to the

Florida war is honorable, but is denied by Secretary of War. War Dept. Military Book No. 15.

- 1836, March 3.** Adjutant-General's Orders, court-martial order. Cadet refuses to take his hands from his pockets, etc. Records U. S. M. A. (A)

- 1836, March 17.** Reasons why it has been proposed to abolish the Academy. In Army and Navy Chronicle, p. 164. (A)

- 1836, June 9.** Notice of a pamphlet "Letter to the Hon. Mr. Hawes in reply to his strictures on the graduates U. S. Military Academy, by a graduate." [The letter is given in full, pp. 370, 386.] Army and Navy Chronicle, p. 360. (A)

- 1836, June 15.** Letter from West Point respecting the Board of Visitors, etc. In Army and Navy Chronicle, p. 66. (A)

- 1836, June.** Rept. Board of Visitors in Army and Navy Chronicle, p. 18: The cadets are well fed (p. 19); discussion of the course of study (p. 20); religious instruction (p. 21); the cadets are not trained as cavalry; letter of President Jackson restoring a discharged cadet (p. 22). (A)

— Report Board of Visitors in Army and Navy Chronicle, pp. 2, 18: In rooms about 12 feet square, 3 and 4 cadets live; the philosophical department needs more room; mineralogy and geology are not taught; details at West Point are not desired by officers; the professor of chemistry is paid only \$767 per year; statistics of cadets who have left the Academy; \$20,000 has been expended this year for a building for military exercises in winter. (A)

- 1836, July 6.** Adjutant-General's Office, General Orders, No. 46. W. H. C. Bartlett to be professor of natural and experimental philosophy. (A)

- 1836, July 28.** List of distinguished cadets of three classes, 1836. In Army and Navy Chronicle, p. 55. (A)

- 1836, August 25.** List of cadets appointed. In Army and Navy Chronicle, pp. 121-122. (A)

- 1836, November 10.** The resignation of Mr. Jumel, swordmaster, accepted, to take effect Feb. 15, 1837. Records U. S. Military Academy. (A)

- 1836, November 30.** The new academic building (then constructing) was designed to provide 16 recitation rooms, a large hall for military exercises, and quarters for all the assistant professors at Military Academy. Annual Rept. of Inspector U. S. Military Academy in Abstract of letter book, vol. 1. (A)

- 1836, December 3.** Secretary of War, Dec. 3, 1836, "recommends that the term of service of cadets should be prolonged after graduation. Cadets only required by law to serve five years, four of which are spent at the Academy." Amer. State Papers, Military Affairs, vol. 6, p. 813.
- 1836.** The study of geology, etc., abandoned for want of teachers. Accommodation of quarters for professors and cadets insufficient. Amer. State Papers, vol. 6, p. 901.
- President Jackson restores Cadet Hammond to the Academy. Amer. State Papers, vol. 6, p. 908.
- Justitia, pseud.: Letter to the Hon. Mr. Hawes in reply to his strictures on the graduates of the Military Academy, by a graduate. New York, 1836. pp. 30.
- Hunt (Freeman): Letter about the Hudson. New York, 1836, 1 vol. O, pp. 209. (History of U. S. Military Academy, pp. 164-188.) (A)
- Letter to the Hon. Mr. —, M. C., in reply to his strictures on the graduates of the Military Academy. By a graduate, late an officer in the U. S. Army. New York, 1836. (Extracts given in Amer. Quart. Rev., vol. 22 (1837), pp. 112, 124.)
- The Dialectic Society has a library of several hundred volumes. Life of Gen. I. I. Stevens, p. 38. (A)
- Every class except the fourth had one or more debating societies. The black stripe on the gray uniform trousers was of velvet. Life of Gen. I. I. Stevens, p. 33. (A)
- Feeling between cadets from North and South. Life of I. I. Stevens, pp. 37, 55. (A)
- Cadet chapel built.
- Cadet uniform described. Q. M. G. Book, p. 14. (A)
- 1836-1839.** Wheaton (Henry): Elements of international law. Philadelphia, 1836, 1 vol., O. Text-book department of geography, history, and ethics, 1836-1839. Rept. Supt. U. S. Military Academy, 1896, p. 156. (A)
- 1836-1840.** See Memoirs of W. T. Sherman, vol. 1, pp. 15-17. (A)
- See Sherman and His Campaigns, pp. 10-13. (A)
- See Force (Manning F.): General Sherman. (A)
- See In Memoriam William T. Sherman. (A)
- See Piatt (Donn): Gen. George H. Thomas. (A severe criticism of the school.) See Coppée, Henry: General Thomas. (A)
- 1836-1841.** Biography of J. P. Garnesché, pp. 43-61. (A)
- 1836-1844.** Vol. 1, Abstract of Letters. O. M. A., A. G. O.
- 1837, February 2.** Letter of Lieut. J. W. Bailey, acting professor of chemistry, to Hon. Gov. Kemble. As the department of chemistry has never been established by law, the absurd situation exists that a cadet instructor in it receives \$10 a month besides his pay, while the head of department receives nothing in addition. At this date the river is frozen so as to permit passage to Cold Spring on the ice. (A)
- 1837, March 1.** History of the Military Academy. Its changes by legislation and practice, etc., being a report of a select committee of House of Representatives, Mar. 1, 1837. Amer. State Papers, Military Affairs, vol. 7, pp. 1-106.
- 1837, March 29.** Secretary of War notifies Lieutenant Church of his appointment as professor of mathematics, June 1. War Department Military Book No. 17.
- 1837, June 17.** Board of Visitors, June 17, 1837, recommend another professor in chemical department and a preparatory school for cavalry officers. Amer. State Papers, Military Affairs, vol. 7, p. 711.
- 1837, September 10.** Colonel Thayer, in conversation with Mr. Kemble, agreed to again accept the superintendency, U. S. Military Academy, if the Secretary of War would first try another officer and if that officer should not be satisfactory. MS. diary of Hon. Gouverneur Kemble.
- 1837, November 13.** The Secretary of War (J. R. Poinsett) writes to Hon. Gov. Kemble, M. C., to say that he intends to relieve the Superintendent U. S. Military Academy and the chaplain in June, 1838, and that, in all probability, Colonel Thayer will be appointed to be Superintendent at that time. (The Superintendent was relieved September, 1838, and succeeded by Colonel Delafield. The chaplain resigned at the same date.) MS. (A)
- 1837, November 18.** Military Academy Orders, No. 17. In future the term "deserter" will not be used of cadets. Records U. S. Military Academy. (A)
- 1837.** The first instructor in cavalry tactics was appointed. In 1839 a sergeant and 5 troopers were ordered to West Point to aid in practical instruction, 12 horses were supplied by Quartermaster's Department, and harness was provided for the light battery drills. Rept. Supt. U. S. Military Academy, 1896, p. 125. (A)

1837. Military Academy at West Point. Amer. Quart. Rev., vol. 22, pp. 77-131. (A)

— Remarks on the report to the House of Representatives of the select committee of nine to investigate the condition of the U. S. Military Academy at West Point. June, 1837. pam.

— Report on Military Academy. House Select Committee. Mar. 1, 1837. Reports of Committees, No. 303, 24th Cong., 2d sess., vol. 2, 200 pp., O. (A)

— See President Jackson's first message to Congress, 1837, in Messages and Papers of the Presidents, vol. 2, p. 456. (A)

— Oration delivered before the corps of cadets at West Point, July 4, 1837, by Cadet Leslie Chase [class of 1838]. Newburgh, 1837, pp. 22, O. (A)

— Orders No. 100, 1837, concerning authority of the commanding officer of the post over resident citizens, with opinion of the Attorney-General. 1 pam., O., lith. (A)

— Cavalry exercise for cadets introduced "this year." See Sherman and His Campaigns, p. 12. (A)

— The salary of the postmaster is \$872.79. (The post-office was established in 1815.) Biennial Register Officers, etc., U. S., 1838. (A)

— Cadet uniform. Hat and coat as shown. Engraving "Tomb of Kosciuszko," p. 121, U. S. Military Academy Pictures—A. (A)

1837-1841. See Biography of Lieut. Col. Julius P. Garisché, U. S. Army, by his son. (A)

— See Woodward, Ashbel: Life of Gen. Nathaniel Lyon. (A)

1837-1884. Total number of cadets graduated, 2167; average cost of each graduate, \$3,828.23. Rept. Board of Visitors, 1884, p. 818. (A)

1837, June 1, to 1878, March 30. A. E. Church was professor of mathematics during this period (assistant professor 1828-1831 and 1833-1837); programme of instruction, 1839-40. Church's Calculus introduced 1843; his Analytical Geometry, 1852; his Trigonometry, 1863; his Descriptive Geometry, 1864; his Perspective, 1866. Report Supt. U. S. Military Academy, 1896, pp. 48-59. (A)

1837-1890. Summary of Congressional appropriations for the support of U. S. Military Academy, 1837-1890. Total, \$4,537,343.58. Rept. Board of Visitors, 1889, p. 1089. (A)

1838, January 15. Pledge of cadets not to violate par. 96, Military Academy regulations. Records U. S. Military Academy. (A)

1838, February 19. The building destroyed by fire contained the library, and the departments of chemistry, natural philosophy, and engineering. It is suggested that a commission be appointed to devise a general plan for the location of all the buildings of the Military Academy. Rept. Inspector of the U. S. Military Academy, Sept. 21, 1838. (A)

— A letter of R. P. Parrott to Gov. Keumble, dated Feb. 19, says: "They had a serious fire last night at the Point, the library building and most of the books (as I hear) being destroyed." MS. (A)

— The books and records of the adjutant destroyed by fire. The academic building burned. (A)

1838, February 23. Library books turned in to librarian at hotel. Post Orders, vol. 1, p. 2. (A)

1838, March 8. Report of board investigating cause of burning of academic building. Fire originated near stove. Causes unknown. Post Orders, vol. 1, p. 4. (A)

1838, March 10. Boots issued to cadets. Post Orders, vol. 1, p. 4. (A)

1838, March 15. Cadets' summer pantaloons altered to same as winter pattern. Covered buttons. Post Orders, vol. 1, p. 6. (A)

1838, April 4. Subdivision inspector's certificate [= "slips," 1902]; officer of day certificate mentioned. Post Orders, vol. 1, p. 10. (A)

1838, April 23. Inspections of cadets' rooms. Post Orders, vol. 1, p. 16. (A)

1838, April 29. First-class fencing. Post Orders, vol. 1, p. 17. (A)

1838, May 10. Use by cadets of tobacco in section room. Post Orders, vol. 1, p. 21. (A)

— Cadets appointed noncommissioned officers in battalion of cadets tender resignation as such. [Referred to Secretary of War. Cadets required to do duty as ordered.] Post Orders, vol. 1, p. 20. (A)

1838, June. Board of Visitors makes suggestions as to the department of chemistry. Rhetoric, moral and political science not sufficiently studied. Certain defects in the course mentioned. Ex. Docs., vol. 1, 1838-39.

— An observatory should be provided; likewise a swimming school; a company of dragoons should replace the detachment of artillery at the post;

- the lower floor of the new Academy will be used as a drill room; at present (owing to the fire) there are sometimes six cadets in a room; cadets sleep on mattresses on the floor; the painting room of the professor of drawing cost \$800; geography, history, and composition are not taught, which is a defect. Rept. Board of Visitors. (A)
- 1838, July 4.** The oration was by Cadet H. W. Halleck. (*See* his letter of July 16.) (A)
- 1838, July 5.** Act of Congress increases the Corps of Engineers; authorizes a professor of chemistry, mineralogy, and geology at U. S. Military Academy; cadets to serve for eight years unless sooner discharged (five years by the act of Apr. 29, 1812). (A)
- 1838, July 16.** Description of the routine of camp in a letter of Cadet H. W. Halleck, first class. MS. (A)
- 1838, July and August.** Six cadets reported for using tobacco during this period. Punishments, arrest five to seven days, with two or three extra tours of guard duty. MS. in O. M. A., A. G. O.
- 1838, September 28.** A. L. S. of Major Delafield to commissary-general of purchases respecting two colors for the corps of cadets to be "executed by Mr. Weir after designs to be furnished here." MS. (A)
- 1838, November 24.** Cadet uniform. Wearing of vests optional. When worn must be uniform, and when not worn coat must be buttoned up when out of quarters or tent. Post Orders, vol. 1, p. 71 (Orders, No. 172). (A)
- Cadets get bedsteads [had previously slept on mattresses on the floor]. Post Orders, vol. 1, p. 70, 95. (A)
- 1838, December 17.** Cadet uniform. Pantaloon to be made loose with "wide fall in front." Made to be worn with leather straps when so ordered. "When supply of velvet is used up, black cassimere to be substituted in stripes." Post Orders, vol. 1, p. 80 (Orders, No. 185). (A)
- 1838.** (Third) Academic building built (\$68,254). Demolished about 1891. A description and view of it in Boynton's History of West Point, p. 258. (A)
- Uniform stock of black bombazine for cadets. Post Orders, vol. 1, p. 26. (A)
- 1838-1866.** Kent (Jaimes): Commentaries on American law . . . Pt. I, The law of nations. 9th ed. Boston, 1858. (Text-book department of geography, history, and ethics, 1838-1866.) Rept. Supt. U. S. Military Academy, 1896, p. 156. (A)
- 1838-1894.** Percentage of graduates to total admitted; number of candidates from each State examined and rejected; statistics respecting candidates, etc. (Tables prepared by Lieut. C. D. Willcox and Prof. E. W. Bass.) Rept. Board of Visitors, 1894, pp. 112-114. (A)
- 1839, April 30.** Cadets allowed to receive dancing lessons. Post Orders, vol. 1, p. 114. (A)
- 1839, June 12.** A sergeant and 5 troopers of dragoons ordered to West Point to aid in instruction of cadets in riding; 12 horses provided. Riding master appointed in September; 30 more horses and light-battery harness bought. Boynton's History of West Point, p. 226. (A)
- 1839, October 12.** The Secretary of War decides that the regulations for assignments of quarters to officers at army posts are not applicable at West Point. The assignment is left to the discretion of the Superintendent. Abstract of Letter Book, vol. 1, p. 73; O. M. A., A. G. O.
- to 1839. Library of useful knowledge . . . Magnetism, electro-magnetism, and electro-dynamics. Text-book natural and experimental philosophy — to 1839. Rept. Supt. U. S. Military Academy, 1896, p. 17.
- 1839.** A paper, "The Talisman," issued by the Dialectic Society (extract given). "The Rover," issued in 1837. Life of Gen. I. I. Stevens, p. 57. (A)
- The cadets are exercised as infantry and artillery. Owing to unfavorable circumstances they are less skilled in the latter branch. Description of the course in artillery and of other courses in the Academy, ethics, French, drawing, mathematics, "the basis on which military education must be founded," philosophy, chemistry, engineering. Rept. Board of Visitors, 1839, pp. 4-6. (A)
- Two fire engines provided for by act of Congress. Rept. Board of Visitors, p. 7. (A)
- The examinations are thorough and impartial; mathematics is the basis on which a military education must rest; Bartlett's Optics just introduced; the library contains 8-10,000 vols.; the annual cost of the Academy, exclusive of pay, is \$22,000. Rept. Board of Visitors. (A)
- All cadets are on the same level. Discipline is alike for all. The only distinctions are grades of merit open to the competition of every one, and granted only when they are deserved. Rept. Board of Visitors, p. 3. (A)

- 1839.** The Board of Visitors recommends the adoption of Major Delafield's plans to build cadet barracks on the eastern border of the plain on the bank of the river, the messhouse north of it and the laboratory within Fort Clinton. The cadets are less accomplished as artillerymen than as infantry soldiers. Arrangements have been made for a supply of horses for a field battery. Rept. (A)
- Alvord (Lieut. Benj.): Address before the Dialectic Society of the corps of cadets, in commemoration of the gallant conduct of the nine graduates of the Military Academy and other officers of the U. S. Army who fell in the battles which took place in Florida. O., pam. New York, 1839. (A)
- Butler (Benjamin F.): The military profession in the United States, and the means of promoting its usefulness and honor. An address delivered before the Dialectic Society of the corps of cadets of the Military Academy, West Point, at the close of the annual examination, June 19, 1839. (A)
- Regulations. New York, 1839. 1 vol., O., 2 copies. (A)
- Letter on the Military Academy. Chief of Engineers Jos. G. Totten, Nov. 21, 1839. House Docs., No. 121, 26th Cong., 1st sess., vol. 3, 9 pp., O. (A)
- Report on Military Academy. Board of Visitors, June 20, 1839. House Docs., No. 2, 26th Cong., 1st sess., vol. 1, p. 222, 10 pp., O. (A)
- Officers, professors, and teachers mustered and inspected in front of Superintendent's quarters. Post Orders, vol. 1, p. 163. (A)
- Library contains between 8,000 and 10,000 volumes. Rept. Board of Visitors, p. 6. (A)
- Plan of the first and second floors of the building, designed by Major Delafield for the library and philosophical apparatus of the Military Academy, etc. (Dec. 12, 1839). Drawn by Cadet Tilden, September, 1839. (A)
- 1839, about.** Christmas and New Year's entertainments described. *In* Woodward's Life of General Lyon, p. 31. (A)
- 1839-1842.** Davies (Charles) [U. S. Military Academy, 1815]: Elements of the differential and integral calculus. 2d ed. New York, 1838. 1 vol., O. (Text-book department of mathematics, 1839-1842.) Cadet Register, 1842, p. 23; Rept. Supt. U. S. Military Academy, 1896, pp. 54-55. (A)
- 1839-1843.** S. G. French: Two Wars, ch. 1. Ill. Nashville, 1901. 1 vol., O. (A)
- Hazing, etc. *See In Memoriam*, James A. Hardie, p. 9. (A)
- 1839-1843.** Life and campaigns of U. S. Grant, pp. 20-29. (A)
- *See* Church, W. Conant: Grant. (A)
- *See* Alexander, A. W.: U. S. Grant as a Soldier. (A)
- *See* Coppée, Henry: Grant and his Campaigns. (A)
- *See* Lossing, B. J.: Life Campaigns and Battles of U. S. Grant. Introduction. (A)
- *See* Life and Services of Gen. U. S. Grant, Conqueror of the Rebellion and Eighteenth President of the United States. (A)
- *See* Wilson, James Grant: Life and Public Services of Gen. U. S. Grant. (A)
- *See* Badeau, Adam: Military History of U. S. Grant. (A)
- *See* Personal Memoirs of U. S. Grant, vol. 1, pp. 32-46. (A)
- *See* Childs, George W.: Recollections of General Grant. (A)
- *See* H. S. Garland: U. S. Grant, His Life and Character. Ill. New York, 1898. 1 vol., O., especially pp. 24-53. (A)
- *See In Memoriam*, James A. Hardie, U. S. Army. (A)
- *See* Dana and Wilson: Life of Gen. U. S. Grant. (A)
- 1839-1850.** Roget (P. M.): Treatise on magnetism, electro-magnetism, and electro-dynamics. n. p., n. d. 1 vol., O. (Text-book department of natural and experimental philosophy, 1839-1850.) Rept. Supt. U. S. Military Academy, 1896, p. 17; Cadet Register, 1850, p. 22. (A)
- 1839-1852.** The riding-masters of the Academy have been: James McAuley, 1839-1842; H. Hershberger, 1842-1848; F. R. O. de Béville, 1848-1852. H. J. K.
- Bartlett (Wm. H. C.) [U. S. Military Academy, 1826]: An elementary treatise on optics. New York, 1839, 2 vols., O. (Text-book department of natural and experimental philosophy, 1839-1852.) Rept. Supt. U. S. Military Academy, 1896, pp. 17-18. (A)
- Davies (Charles) [U. S. Military Academy, 1815]: Elements of analytical geometry, 2d ed. New York, 1839. 1 vol., O. (Text-book department of mathematics, 1839-1852.) Rept. Supt. U. S. Military Academy, 1896, pp. 53, 55. (A)
- 1839-1853.** Legendre (A. M.): Elements of geometry and trigonometry . . . translated from the French by David Brewster, revised and adapted to instruction in United States by Charles

- Davies. New York, 1839. 1 vol., O. (Text-book department of mathematics, 1839-1853, trigonometry to 1863.) Rept. Supt. U. S. Military Academy, 1896, pp. 51, 59. (A)
- 1839-1858.** The lower floor of the academic building was used as a riding hall in the years 1839 to 1855. Rept. Board of Visitors 1886, p. 765. (First year commenced to ride, Dec. 11, 1839; second year commenced to ride, Apr. 12, 1839; third year commenced to ride, Oct. —, 1858. W. W.) (A)
- 1839-1864.** Davies (Charles) [U. S. Military Academy, 1815]: Elements of descriptive geometry, with their application to spherical trigonometry, spherical projections, and warped surfaces. Philadelphia, 1826. 1 vol., O. (Text-book department of mathematics, 1839-1864.) Rept. Supt. U. S. Military Academy 1896, pp. 52, 59. Cadet Register, 1864, p. 18. (A)
- 1839-1880.** Kent (James): Commentaries on American law . . . vol. 1, Pt. II, Government and constitutional jurisprudence of the United States. New York, 1826. 1 vol., O. (Text-book department of geography, history, and ethics, 1839-1875, and department of law, 1878-1880.) Rept. Supt. U. S. Military Academy, 1896, p. 156; Cadet Register, 1878, p. 34, and 1880, p. 36. (A)
- 1839-1887.** Dana (James D.): Manual of mineralogy, including observations on mines, rocks, reduction of ores, etc. New Haven, 1871, 1 vol., O. (Text-book department of chemistry, 1839-1887.) Rept. Supt. U. S. Military Academy, 1896, p. 104; Cadet Register, 1887, p. 31. (A)
- 1839-1899.** Davies (Charles) [U. S. Military Academy, 1815]: Elements of surveying, with the necessary tables. New York, 1830, 1 vol., O. (Text-book department of mathematics, 1839-1899.) Rept. Supt. U. S. Military Academy, 1896, p. 52; Cadet Register, 1899, p. 39. (A)
- Bourdon (M.): Elements of algebra . . . translated from the French by Charles Davies . . . Rev. ed. New York, 1839. 1 vol., O. (Text-book department of mathematics, 1839-1899.) Rept. Supt. U. S. Military Academy, 1896, p. 48. (A)
- 1839-1902.** Records in office of commandant of cadets, 1904. Orders, 1839 to date, in 9 vols.; letters, 1870-1890, in 3 vols.; endorsements, 1870-1890, in 2 vols. (A)
- The Regulations U. S. Military Academy, 1810-1831, prescribe no oath to entering cadets. From 1839 onward an oath was taken that differed slightly in form from time to time until the civil war. See the Academic Regulations, 1830-1902. (A)
- 1840, June 29.** Signal to be sounded by drummer orderly for cadets at cotillion parties to return to camp. Orders 48, Order Book (39-41), U. S. C. C. (A)
- 1840, June.** Some of the rooms in barracks contain six cadets, many four, none less than two; new barracks and mess rooms are recommended; facilities for swimming should be provided; a court of inquiry on the moral condition of the Academy has recently sat and has not yet reported; minority report (q. v.) the mass of the people regard U. S. Military Academy as an eleemosynary school for the education of the aristocracy. Rept. Board of Visitors. (A)
- Board of Visitors declares the chaplain should not be professor of ethics. Minority report declares the Academy a failure.
- New barracks should be built. New instruments in astronomy received. The cavalry instruction is good. Ex. Doc., vol. 1, 1840-41, p. 25.
- 1840, July 10.** Daily routine for each class. Orders No. 43, U. S. C. C. (A)
- 1840, July 20.** Act of Congress provides that the commandant of cadets shall be instructor in tactics or of practical military engineering. (A)
- 1840, August 21.** Target practice—ranges 50-150 yards. Orders No. 70, U. S. C. C. (A)
- 1840, September 14.** U. S. M. A. cadets called to academic duties [only] by a gong. Orders No. 82, U. S. C. C. (A)
- 1840, September 19.** Subject for debate: "Whether it would be beneficial to the service to prohibit officers of the Army under the rank of captain from being married." Decided in negative by vote of 11 to 4. Journal Dialectic Society, 1840-1844. (A)
- 1840.** U. S. M. A. List of text-books in use. Park's Sketch of West Point, pp. 107-108. A cadet's pay is \$28 per month. Ibid., p. 111.
- Cadet uniform described: an eagle on the front of the dress hat [not a castle?] Cadets who have been present at two encampments may go on furlough during the third. Park's Sketch of West Point, p. 104. (A)
- General Orders, Adjutant-General's Office, No. 7, describes the uniform of professors, teachers, and their

- assistants, the sword master, chaplain, and cadets, U. S. Military Academy. (A)
- 1840.** Cadets allowed to take refreshments into barracks. Post Orders, vol. 1, p. 235. (A)
- Catalogue of the library of the U. S. Military Academy at West Point, 1840. 1 vol., F. (foolscap), 110 pp. MS. (A)
- Dialectic Society. Journal from Mar. 9, 1840, to May 11, 1844. Roll of members 1839-40, 1840-41, 1841-42. MS. 1 vol., P. (A)
- Park, Roswell: A sketch of the history and topography of West Point and the U. S. Military Academy . . . Philadelphia, 1840. 1 vol., O., 140 pp. (A)
- One hundred and seventeen officers of the Regular Army resigned during the first year of the Seminole war and the average of the years since has been about 30, according to minority report, Board of Visitors. The power of the General Government to aid internal improvements considered. (A)
- Experimental lectures in natural philosophy given about this time. The astronomical transit was mounted 1842. In 1850 Bartlett's Synthetic Mechanics was adopted as a text-book, but replaced by his Analytic Mechanics in 1853. Bartlett's Spherical Astronomy introduced 1855. Electricity transferred to department of chemistry, 1856. Rept. Supt. U. S. Military Academy, 1896, p. 18. (A)
- Ordnance (and artillery) laboratory erected (at a cost of \$8,000?) Letter book of quartermaster, U. S. Military Academy, November, 1889, p. 114. (A)
- 1840, about.** A lithograph certificate of resignation was given to cadets about 1840 to about 1860. The first form had a stand of flags, a seated female figure, a tablet "United we stand," and was designed by Professor Weir. The second form had at its head a trophy of arms, a cadet dress hat (cylindric, black plume; an eagle over a large castle in front) on a knapsack bearing the word "Essayons" under a rising sun. R. S. S. delt. (Copies are in the adjutant's office.) (A)
- 1840 to —.** Bailey (J. W.): Chemical notes on gunpowder and its materials (lithographed). (Text-book department of chemistry (?), 1840 to —?) See Title-page of book in library U. S. Military Academy. (A)
- 1840-1843.** Webster (John W.): Manual of chemistry. Boston, 1826. 1 vol., O. (Text-book department of chemistry, 1840-1843.) Rept. of Supt. U. S. Military Academy, 1896, p. 106. (A)
- 1840-1844.** Records of the Dialectic Society. MS., 1 vol., Q. (A)
- See Reminiscence of Winfield Scott Hancock, by his wife. (A)
- See Walker, F. A.: General Hancock. (A)
- 1840-1847.** Murray (Lindley): Introduction au Lecteur François ou Recueil de Pièces Choies; avec l'explication des Idiotisms, et des phrases difficiles, qui s'y trouvent. New York, 1807. 1 vol., O. (Text-book department of modern languages, 1840-1847.) Rept. Supt. U. S. Military Academy, 1896, p. 138; Cadet Register, 1847, p. 23. (A)
- 1840-1852.** Library. Class list of books in geography and history. MS., 1 vol., Q. (This list was made after 1840 and probably before 1852.) (A)
- 1840-1860.** Eleven cadets died during these years. The causes of death were continued fever 1, typhoid 1, cholera 1, dysentery 3, pneumonia 1, phthisis pulmonalis 2, congestio cerebra 1, drowning 1. Cong. Doc. 1089, p. 173. (A)
- [Criticism of course of instruction there by Gen. B. F. Butler.] In Butler's Book, pp. 863-868 and elsewhere. (A)
- 1841, March 15.** Subject for debate: "Has a State a right to secede from the Union." Lieutenant Kendrick supported the negative, and the question was decided in the affirmative by the casting vote of the president [Cadet Sam. Jones, U. S. Military Academy, 1841; major-general C. S. Army, 1865.] Journal Dialectic Society, 1840-1844. (A)
- 1841, March 29.** Cadets absent from West Point are to wear either full uniform or citizens clothes. Orders No. 10, headquarters U. S. Military Academy. (A)
- 1841, June 30.** Cadet officers to wear the sword on a shoulder belt, not from a waist belt, as heretofore. Orders No. 36, U. S. C. C. (A)
- 1841, June.** Logic should be included in the curriculum; the barracks contains 96 rooms for 250 cadets; new barracks should be built on the east side of the plain on the bank of the river; cadets are paid \$28 monthly. Rept., Board of Visitors. (A)
- 1841, November 22.** The inspector Military Academy approves the Superintendent's request for a court of inquiry respecting recent disorders among cadets. The court reports about December 17. Nothing is detected. Wit-

- nesses did not testify on account of a tendency to incriminate themselves. Abstract of letters sent, O. M. A., A. G. O. (A)
- 1841, December 17.** Recommendation that Sergeant Heiselberger be discharged Dec. 31 and appointed Jan. 1 as riding master Military Academy. Abstract of letters sent, O. M. A., A. G. O. (A)
- The class of 1841 lost more of its members killed in battle than any other. Biography of Garesché, p. 54. (A)
- Regulation regarding dress of cadets while on furlough. Post orders, vol. 1, p. 250. (A)
- The library and observatory built (\$50,216). A description and view of it in Boynton's History of West Point, p. 259. (A)
- West Point Military Academy. Alden Partridge, Jan. 13, 1841. House Docs., No. 68, 26th Cong., 2d sess., vol. 2, 8 pp. (A)
- National defense. (2) Annual report of the Board of Visitors of the U. S. Military Academy [by H. Whiting]. *In* N. Amer. Rev., vol. 52, January, 1841, pp. 22-30. (A)
- Notes on engineering, etc. Lithogr., 1 vol., F. (13 x 10 inches), 2 copies. Contents: (1) Bailey, J. W.: Chemical notes on gunpowder and its materials, 1840; (2) Knowlton military pyrotechny, 1842; (3) Miner Knowlton: Notes on gunpowder, percussion powder, cannon, and projectiles, 1841; (4) Professor Mahan: Notes on architecture; (5) Mahan: Notes supplementary to the course of permanent fortification; (6) Mahan: Notes on mines; (7) Mahan: Composition of armies. (A)
- Memorial of Alden Partridge relating to the Military Academy at West Point and praying that young men educated at other military schools may have an equal chance for admission to the Army as those young men who are educated at West Point. Jan. 21, 1821. Referred to the Committee on Military Affairs. *See* Barnard's Amer. Jour. of Education, 1863, pp. 683-687. (A)
- Chief engineer urges instruction in practical military engineering. Ex. Doc., vol. 1, 1841-42, p. 131.
- The State of Connecticut favors abolishing the Academy. Senate Docs., 1841-42, vol. 5, p. 363.
- 1841 to —.** Levizac, M. de: Theoretical and practical grammar of the French tongue. New York, 1824. 1 vol., O. (Text-book department of modern languages, 1841 to —) Rept. Supt. U. S. Military Academy, 1896, p. 138. (A)
- 1841-1842.** Lyell (Charles): Principles of Geology. 5th ed. London, 1837. 1 vol., O. (Text-book department of chemistry, 1841-1842.) Rept. Supt. U. S. Military Academy, 1896, p. 104. (A)
- 1841-1845.** *See* Thayer (W. H.): From the tanyard to the White House. The story of President Grant's life. 1., 1885. 1 vol., O., pp. 80-85. (A)
- 1841-1847.** Barthelemy (J. J.): Voyage de Jeune Anaclarsis en Grèce vers le milieu du iv^e siècle avant l'ère vulgaire. Paris, 1843, 1 vol., O. (Text-book department of modern languages, 1841-1847.) Rept. Supt. U. S. Military Academy, 1896, p. 138; Cadet Register, 1847, p. 23. (A)
- 1841 and 1847.** The field music for the battalion of cadets authorized by the Adjutant-General U. S. Army. List of the teachers of music, 1817-1863. Boynton's History of West Point, p. 337. (A)
- 1841-1848.** Anderson (Robert) [U. S. Military Academy, 1825]: Instruction for field artillery, horse and foot; translated from the French and arranged for the service of the United States. Philadelphia, 1839. 1 vol., O. (Text-book department of tactics, 1841-1848.) Cadet Registers, 1841, p. 22, and 1848, p. 22. (A)
- 1841-1853.** Kinsley (Z. J. D.): Pyrotechny. (Text-book department of ordnance and gunnery, 1841-1853.) Rept. Supt. U. S. Military Academy, 1896, p. 179; Cadet Register, 1853, p. 22.
- 1841-1856.** Knowlton (Miner) [U. S. Military Academy, 1829]: Notes on gunpowder, percussion powder, cannon, and projectiles. West Point, 1839. 1 vol., F. (Text-book department of ordnance and gunnery, 1841-1856.) Rept. Supt. U. S. Military Academy, 1896, p. 179; Cadet Register, 1856, p. 20. (A)
- 1841-1858.** Mahan (D. H.) [U. S. Military Academy]: Lithographic notes on architecture. West Point, 1840. 1 vol., F. (Text-book department of civil and military engineering, 1841-1858.) Rept. Supt. U. S. Military Academy, 1896, p. 161; Cadet Register, 1858, p. 17. (A)
- 1841-1859.** Mahan (D. H.) [U. S. Military Academy, 1824]: Lithographic notes on . . . composition of armies and strategy. (West Point) n. d. 1 vol., O. (Text-book department of civil and military engineering, 1841-1859.) Rept. Supt. U. S. Military Academy, 1896, p. 116; Cadet Register, 1859, p. 16. (A)

- 1849-1859.** Mahan (D. H.) [U. S. Military Academy, 1824]: An elementary treatise on advanced guard, outpost, and detachment service of troops, and the manner of posting and handling them in the presence of an enemy. New York, 1847. 1 vol., O. (Text-book department of civil and military engineering, 1841-1859.) Cadet Registers, 1841, p. 22, and 1859, p. 16. (A)
- 1841-1860.** Thiroux (M.): *Instruction théorique et pratique d'Artillerie a l'usage des élèves de l'école militaire de Saint-Cyr.* Troisième ed. Paris, 1849. 1 vol., O. (Text-book department of ordnance and gunnery, 1841-1860.) Rept. Supt. U. S. Military Academy, 1896, p. 180; Cadet Register, 1860, p. 17. (A)
- 1841-1861.** Blair (Hugh): *Lectures on rhetoric and belles-lettres . . . to which are added copious questions and an analysis on each lecture by Abraham Mills.* New York, 1830. 1 vol., O. (Text-book department of geography, history, and ethics, 1841-1861.) Cadet Registers, 1841, p. 22, and 1861, p. 19. (A)
- 1841-1863 and 1866 to —.** Mahan (D. H.) [U. S. Military Academy, 1824]: Descriptive geometry as applied to the drawing of fortification and stereotomy. New York, 1900. 1 vol., O. (Text-book department of civil and military engineering, 1841-1863 and 1866 to —.) Cadet Registers, 1841, p. 22; 1863, p. 17; 1866, p. 25. (A)
- 1841-1864.** Mahan (D. H.): Lithographic notes supplementary to the course of permanent fortifications. (Text-book department of civil and military engineering, 1841-1864.) Rept. Supt. U. S. Military Academy, 1896, p. 117; Cadet Register, 1864, p. 17. (A)
- Mahan (D. H.): Lithographic notes on the attack and defense of permanent works. (Text-book department of civil and military engineering, 1841-1864.) Rept. Supt. U. S. Military Academy, 1896, p. 117. (A)
- 1841-1865.** Mahan (D. H.) [U. S. Military Academy, 1824]: Lithographic notes on mines and other accessories. West Point (n. d.). 1 vol., Q. (Text-book department of civil and military engineering, 1841-1865.) Rept. Supt. U. S. Military Academy, 1896, p. 125. (A)
- 1841-1870.** Scott, Maj. Gen. W. S.: (By authority.) *Infantry tactics, or rules for the exercise and maneuvers of the U. S. Infantry.* New York, 1846. 3 vols., O. (Text-book department of tactics, 1841-1870.) Cadet Registers, 1841, p. 22, and 1870, p. 26. (A)
- 1841-1877.** Mahan (D. H.) [U. S. Military Academy, 1824]: An elementary course of civil engineering for the use of cadets of the U. S. Military Academy. New ed. New York, 1846. 1 vol., O. (Text-book department of civil and military engineering, 1841-1877.) Rept. Supt. U. S. Military Academy, 1896, p. 161; Cadet Register, 1877, p. 36. (A)
- 1841-1878.** Mahan (D. H.) [U. S. Military Academy, 1824]: Lithographic notes on machines. (Text-book department of civil and military engineering, 1841-1878.) Rept. Supt. U. S. Military Academy, 1896, p. 161; Cadet Register, 1858, p. 17.
- 1841-1879.** Mahan (D. H.) [U. S. Military Academy, 1824]: A treatise on field fortification, containing instructions on the methods of laying out, constructing, defending, and attacking intrenchments, with the general outlines also of the arrangement, the attack and defense of permanent fortifications. 4th enlgd. ed. *Richmond*, 1862. 1 vol., O. (A) (The corresponding N. Y. edition was a text-book department of civil and military engineering, 1841-1879.) Rept. Supt. U. S. Military Academy, 1896, p. 161; Cadet Register, 1879, p. 34.
- 1842, March 3.** Uniform proposed for the band by Major Delafield: red coat, white front and facings, blue trousers, double red stripe; tall black cylindric cap; tall pompon, white below, red above; engineer castle on front of cap. Uniform not adopted. [Copy of original in Engineer Dept.] (A)
- 1842, May 11.** Company officers to wear a plume and brass castle on dress hat in lieu of pompon, and crossed cannon. Orders No. 14, U. S. C. C. (A)
- 1842, May 31.** Prior to 1839 all examinations were conducted by the whole academic board; in June, 1839, the board was divided into committees. In 1842 the board reports that the last method has failed and recommends a return to the early practice. (Abstract of Letter Book, vol. 1, O. M. A., A. G. O.)
- 1842, June.** Table of the occupations and condition of the parents of 221 cadets at the U. S. Military Academy. The Board makes a number of recommendations (q. v.) Rept. Board of Visitors. (A)
- Austin (J. J.): Address delivered before the corps of cadets. New York, 18 pp.
- 1842, August 23.** Act of Congress fixes the rations of the Superintendent U. S. Military Academy. (Repealed Aug. 3, 1861.) (A)

- 1842, September 5.** Immediately after rising each cadet is hereafter to fold mattress double and pile bedding neatly on top of it. Not to be disturbed until tattoo. Order Book (42-48), U. S. C. C. (A)
- 1842.** Ordnance Department—Cadets Graduated. Secretary J. C. Spencer. Apr. 14, 1842. House Docs., No. 194, 27th Cong., 2d sess., vol. 1. 13 pp. (A)
- Resolutions concerning Military Academy. Connecticut legislature. June 8, 1842. Senate Docs., No. 363, 27th Cong., 2d sess., vol. 5, 1 p. (A)
- A pen and ink sketch by Cadet George H. Derby shows a cadet room and uniform. Grey trousers are worn with straps; white linen collar inside of grey standing collar of the coat; dress hat a cylinder with hollowed glazed top, stiff brush plume; cap ornament a spread eagle over crossed cannon. Visor nearly straight. (A)
- Report on cadets at West Point. Secretary J. C. Spencer. Jan. 7, 1842, Senate Docs., No. 42, 27th Cong., 2d sess., vol. 2, 3 pp. O. (A)
- At this time cadet barracks was warmed with grates burning anthracite coal. Life and Letters of Stonewall Jackson, p. 33. (A)
- Convention at Albany proposes to abolish the Academy, which is aristocratic and unrepresentative. House Journal, 1842-43, p. 347.
- The State of Maine passes resolutions against the Academy. Ex. Docs., 1842-43, vol. 5, No. 155.
- 1842-1844.** Kirkham, (Samuel): English grammar in familiar lectures, accompanied by a compendium, embracing a new systematic order of parsing, a new system of punctuation, exercises in false syntax, and a system of philosophical grammar, in notes . . . appendix . . . key to the exercises. New ed. New York, 1829. 1 vol., O. (Text-book department of geography, history, and ethics, 1842-1844.) Cadet Registers, 1842, p. 23, and 1844, p. 21. (A)
- 1842-1846.** See Henderson: Life of Stonewall Jackson, vol. 1, pp. 15-27. (A)
- Life and Letters of Stonewall Jackson, by his wife, pp. 32 et seq. (A)
- P. T. Turnley: Reminiscences. Chicago, n. d. 1 vol., O. [Especially its Ch. III.] (A)
- See Michie, P. S.: General McClellan. (A)
- See Hilard, G. S.: Life and Campaigns of George B. McClellan. (A)
- 1842-1846.** See Life of Stonewall Jackson, by a Virginian. (A)
- See Hovey, Carl: Stonewall Jackson. (A)
- See Cooke, A. E.: Stonewall Jackson, pp. 12-13. (A)
- 1842-1846 and 1847-1852.** See Maury (D. H.): [U. S. Military Academy, 1846.] Recollections of a Virginian in the Mexican, Indian, and civil wars. New York, 1894. (A)
- 1842-1854.** Table showing the condition in life of parents of cadets. Cong. Doc. No. 747, p. 120. Same, 1842-1857, in Cong. Doc. No. 920, p. 191. (A)
- 1842-1855.** Condition in life of the parents of cadets, 1842-1855. Cong. Doc. No. 811, p. 216. (A)
- 1842-1856.** Table showing the condition in life of the parents of cadets. Cong. Doc. No. 876, p. 296. (A)
- 1842-1858.** Table exhibiting the condition in life of the parents of cadets. Cong. Doc. No. 976, p. 832. (A)
- 1842-1872.** Hitchcock (Charles H.): Elementary geology. New ed. New York, 1867. 1 vol., O. (Text-book, department of chemistry, 1842-1872). Rept. Supt. U. S. Military Academy, 1896, p. 104. (A)
- 1842-1887.** Table giving the occupation of the parents of candidates for admission. Rept. Board of Visitors, 1887, p. 780, and a less complete table in *ibid.*, 1886, p. 772. (A)
- 1842-1891.** Tables showing the occupations of the parents of candidates admitted to U. S. Military Academy, 1842-1891. In Rept. Board of Visitors, 1887, p. 35, and *ibid.*, 1891, p. 785. (A)
- 1842-1896.** The Department of practical military engineering was formed in 1842. Previous to this time instruction had been given by the department of civil and military engineering. The first detailed programme of instruction adopted 1853. Signalling made a part of the work of this department 1867. Statement of the course in 1896. Rept. Supt. U. S. Military Academy, 1896, p. 172-173. (A)
- 1843, March 1.** Act of Congress provides that cadets shall be actual residents of their districts; prescribes the number of cadets; abolishes boards of visitors till further orders. (The latter section was repealed Aug. 8, 1846.) (A)
- 1843, March 11.** Subject for debate: "Is Texas justifiable in the conquest of Mexico?" Journal Dialectic Society, 1840-1844. (A)

- 1843, March 18.** Question for debate: "Has a State under any circumstances the right to nullify an act of Congress?" The above question was decided by the Superintendent to be unconstitutional. *Journal Dialectic Society*, 1840-1844. (A)
- 1843, April 4.** History of two trophy guns at West Point, presented to General Greene by Congress, Oct. 18, 1783. *In* Abstract of letters sent, p. 120, O. M. A., A. G. O.
- 1843, July 11.** Parks, (N. P.): Chaplain U. S. Military Academy. A word to commanders; a discourse to the graduating class. New York, 1843, 1 vol., O, pp. 16. (A)
- 1843, July 5.** Letter of General Totten with respect to the assignment of members of the graduating class to corps. The principles heretofore carefully observed are: (1) That no cadet be appointed to a corps for which he has not been recommended by the academic board; (2) that cadets be, in the order of merit, permitted to select their assignments in accordance with the recommendation of the academic board. Abstract of letters sent, O. M. A., A. G. O.
- 1843, July 15.** Remarks of General Totten upon the report of a board of officers (convened May 24) upon the Military Academy. Abstract of letters sent, p. 130, O. M. A.
- 1843, September 7.** Hereafter assistant instructors of tactics will inspect their companies daily between 8 and 9 a. m.; coats to be buttoned, collars hooked. At other inspections fatigue jackets may be worn. Order Book (42-48) U. S. C. C. (A)
- 1843, October 18, and 1852, September 27.** Resolutions of the academic board on the matter and manner of scientific instruction in the U. S. Military Academy. Quoted *in* Rept. Supt. U. S. Military Academy, 1896, p. 17. (A)
- 1843.** Extract from a report of General Totten to the Secretary of War on U. S. Military Academy. Rept. Board of Visitors, 1888, p. 4. (A)
- A board of officers (Gen. W. Scott, president) inspect and report on the instruction at U. S. Military Academy. Statement by the academic board of the fundamental principles of instruction at West Point. *In* Rept. Supt. U. S. Military Academy 1896, pp. 54-55. (A)
- Board of Visitors recommends 50 horses for cavalry instruction. More attention to the study of history and literature. Ex. Doc. 1842-43, vol. 1, pp. 258-260.
- 1843.** F. H. S.: U. S. Military Academy. *In* Southern Lit. Mess., November, 1843, pp. 665-670 [probably F. H. Smith, U. S. Military Academy, 1833]. (A)
- Documents from the Department of War . . . 3d sess. 27th Cong. The Military Academy [by I. J. Austin]. *In* N. Amer. Rev., October, 1843, pp. 269-292. (A)
- Resolution for abolition of Military Academy. Maine legislature, Feb. 2, 1843. House Docs., No. 155, 27th Cong., 3d sess., vol. 5, 1 p. (A)
- The (present) frames for weekly class reports were made.
- Bartlett, W. H. C.: Account of the observatory, U. S. Military Academy, etc. *In* Trans. Amer. Phil. Soc., n. s., VIII, 191. (A)
- ? Seacoast battery built about 1843. (Mem. of William Ward.)
- 1843-1847.** Poore (B. P.): Life of A. E. Burnside. Ch. III. (Description of an examination, pp. 43-45.) Providence, 1882. 1 vol., O. (A)
- 1843-1857.** Bailey, W. W.: My Boyhood at West Point. Providence, 1891. 1 vol., O. (A)
- 1843-1858.** Kane (Sir Robert): Elements of chemistry, theoretical and practical. 2d ed. Dublin, 1849. 1 vol., O. (Text-book department of chemistry, 1843-1858.) Rept. Supt. U. S. Military Academy, 1896, p. 105. (A)
- 1843-1899.** Church (Albert E.) [U. S. Military Academy, 1828]: Elements of the differential and integral calculus. New York, 1842. 1 vol., O. (Text-book department of mathematics, 1843-1899.) Cadet Registers, 1843, p. 21, and 1899, p. 30. (A)
- 1844, before.** "A guard is stationed at the south dock. It was formerly the custom to take the names of all gentlemen arriving at or leaving the post." Colton's Guide to West Point, p. 7. (A)
- 1844, January 2.** Washington's order about swearing published to the corps. Post Orders, vol. 2, p. 138. (A)
- 1844, January 29.** Of cadets admitted since the act of Congress Apr. 29, 1812, there have been graduated 1,118; 61 resigned before five years; the number of graduates now in the service is 542. A table is given showing to what corps they belong. Rept. of Adjutant-General, House Doc. No. 96, Cong. Doc. No. 442. (A)
- 1844, April 9.** Names of all persons arriving on post registered. Post Orders, vol. 2, p. 153. (A)

- 1844, December 2.** Guard duty after taps. *Post Orders*, vol. 2, p. 203. (A)
- 1844.** Fish, Hamilton: Report . . . on the resolutions of legislatures . . . ; also petition . . . praying the abolition of the Military Academy and resolution of the House relative to the number of cadets. 1 pam., O., 1844. 28th Cong., 1st sess., House Rept. No. 476. vol. 2, 43 pp. (A)
- A Cadet married. Resignation takes effect from date of marriage. *Post Orders*, vol. 2, p. 187. (A)
- Rolls of the cadets of the U. S. Military Academy prepared for the annual examination in June, 1844, showing their standing . . . 1 pam., O. (A)
- Message on Army appointments. President John Tyler, Mar. 12, 1844. House Docs., No. 181, 28th Cong., 1st sess., vol. 5, 3 pp. [List of appointments since Jan. 1, 1843.] (A)
- Report on Military Academy. Secretary J. M. Porter. Jan. 30, 1844. House Docs., No. 96, 28th Cong., 1st sess., vol. 4, 3 pp. (C)
- Report on cadets at West Point. Secretary William Wilkins. Apr. 4, 1844. House Docs., No. 220, 28th Cong., 1st sess., vol. 5, 3 pp. (A)
- Stag dances in camp described. *In Colton's Guide to West Point*, p. 17. (A)
- 1844-1846.** Willetts (Jacob): New and improved school geography, accompanied by a new and correct atlas. 5th ed. Poughkeepsie, 1842. 1 vol., O. (Text-book department of geography, history, and ethics, 1844-1846.) Cadet Registers, 1844, p. 21, and 1846, p. 21. (A)
- 1844-1847.** Hedge (Levi): Elements of logic, or a summary of the general principles and different modes of reasoning. Boston, 1840. 1 vol., O. (Text-book department of history, geography and ethics, 1844-1847.) Cadet Registers, 1844, p. 20, and 1847, p. 22. (A)
- 1844-1861.** Wayland (Francis): The elements of moral science. (Text-book department of history, geography and ethics, 1844-1861.) Boston, 1838, 1 vol., O. Cadet Registers, 1844, p. 20, and 1861, p. 18. (A)
- Effects of West Point training. See Walker (F. A.): General Hancock, p. 27. (A)
- 1845, March 3.** Act of Congress: The pay of cadets fixed at \$24 per month. (A)
- 1845, November 7.** Reorganization of Dialectic Society. *Post Orders*, vol. 2, p. 279. (A)
- 1845.** Hostile criticism of the Military Academy in the preface and here and there of Recollections of the U. S. Army . . . by an American soldier. Boston, 1845. 1 vol., O. pp. 167. (A)
- Dade monument erected.
- Iron fence in front of Superintendent's, etc., quarters built.
- Chief of Engineers recommends the creation of a corps of sappers and miners and the supply of models for teaching military science. [Title of book lost; it is probably one of the letter books of the Inspector U. S. Military Academy.] vol. 1, 1845-46, p. 269.
- ? Siege battery built about 1845. (Mem. of William Ward.)
- 1845-1847.** O'Maher, Mary Isabel: Letters from West Point, 1845-1847. 1 vol., F., MS. (A)
- 1845-1851.** Cadet barracks built (\$186,000) (two divisions of west wing added, 1882). A description and view of it in Boynton's History of West Point, p. 261.
- 1845-1855.** Table showing the indebtedness of the corps of cadets on Oct. 31 of each year since 1845 when the pay of cadets was reduced to \$24. The average was \$5,118.18. Rept. Supt U. S. Military Academy, 1856. (A)
- 1845-1858 and 1860-1862.** Bullions, (Rev. Peter.) The principles of English grammar; comprising the substance of the most approved English grammars extant, with copious exercises in parsing and syntax, and an appendix of various and useful matter. New York, 1851. 1 vol., O. (Text-book department of geography, history and ethics, 1845-1858 and 1860-1862.) Cadet Registers, 1845, p. 21, and 1862, p. 17. (A)
- 1845-1882.** 1845-1866, 1,731 cadets admitted; 43 per cent graduated; in 1866 grammar, geography, and history were added to entrance requirements. 1867-1873, 845 cadets admitted, 41 per cent graduated; 1873-1882, 1,570 cadets admitted, 33 per cent graduated; of those appointed, 1873-1882, after competitive examination, 47 per cent graduated, while 25 per cent of those appointed without examination graduated. Rept. Supt. U. S. Military Academy, 1882, p. 192. (A)
- 1846, February 2.** Gymnasium started. Entire battalion attends. *Post Orders*, vol. 2, p. 294. (A)
- 1846, April 26.** The corps pledges itself to abstain from the use of intoxicating liquors. *Post Orders*, vol. 2, p. 308. (A)
- 1846, May 15.** A small ponton train provided for the instruction of cadets.

- Papers Pract. Eng., No. 4, 1849, p. 279. (A)
- 1846, May 15.** Act of Congress organizing a company of sappers and miners to aid in giving instruction at U. S. Military Academy. (A)
- 1846, June 20.** New forage caps issued. Order Book (42-48), U. S. C. C. (A)
- 1846, June 30.** Cadets forbidden to alter new forage cap by taking out stiffening or otherwise. Order Book (42-48), U. S. C. C. (A)
- 1846, July 3.** Cadets forbidden to wear the (?) light shoes on duty. Order Book (42-48), U. S. C. C. (A)
- 1846, August 8.** Act of Congress discontinuing a Board of Visitors repealed. *See* Mar. 1, 1843; promotes the teachers of drawing and French to professors. (A)
- 1846, October 8.** All academic signals and call to quarters to be sounded on bugle instead of drum as before. Post Orders, vol. 3, p. 31. (A)
- 1846.** Report on West Point Academy. Representative A. C. Niven, May 11, 1846. House Repts., No. 660, 29th Cong., 1st sess., vol. 3, 3 pp. (A)
- 1846-1848.** Names of officers of Mexican war on tablets in the chapel. 1 pam., O. (n. d.) (A)
- 1846-1902.** The music of the trumpet calls for cadets. Written out by Trumpeter Lewis, 1903. 1 sheet, MS. (A)
- 1847, April 14.** Order relating to victories in Mexican war. Post Orders, vol. 3, p. 79. (A)
- 1847, June 25.** By direction of superintendent the battalion will be marched to all meals with field music. S. O. 29, Order Book (42-48), U. S. C. C. (A)
- 1847, August 10.** Lithographed circular from the Superintendent U. S. Military Academy to all graduates announcing the intention to publish a complete register and asking for their records in the war with Mexico, etc. (Schuylkill arsenal, MS., No. 267.) (A)
- 1847, November 2.** Superintendent recommends that cadets form cricket clubs in order to get exercise during suspension of drills. Post Orders, vol. 3, p. 142. (A)
- 1847, November 30.** Cadets acting as assistant professors to be distinguished by captain's chevrons with the addition of a star on each arm. Post Orders, vol. 3, p. 152. (A)
- 1847.** The graduates of the U. S. Military Academy . . . Regulations for the admission of cadets . . . New York. 1 vol., O, 1847, pp. 45. (A)
- 1847.** Message on promotion of cadets. President Jas. K. Polk, Feb. 15, 1847. Senate Ex. Docs., No. 25, 30th Cong., 1st sess., vol. 4, 2 pp. (A)
- The legislature of Georgia expresses its high sense of the value of the Academy. Senate Journal, 1847-48, p. 108.
- Resolution on Military Academy, West Point. Georgia legislature, Dec. 30, 1847. Senate Mis. Docs., No. 59, 30th Cong., 1st sess., vol. 1, 1 p. (A)
- Uniform of cadets described; a black velvet stripe on the grey trousers. Eager's History of Orange County, N. Y., p. 587. (A)
- 1847 to —.** Le Brethon (J. J. P.): Guide to the French language . . . corrected, enlarged, and improved by P. Bekeart. 2d Am. from 7th Lond., ed. New York, 1846. 1 vol., O. (Text-book department of modern languages, 1847 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 138. (A)
- 1847-1882.** Reports of the Boards of Visitors are to be found in Reports of the Secretary of War for 1847, 1848-1849; 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859; 1860, 1861, 1862, 1863; 1870, 1871, 1875, 1879; 1880; and for 1872 in House Mis. Doc. 14242; for 1881 in Senate Mis. Doc. 14; for 1882 in House Mis. Doc. No. 24. Rept. Board of Visitors, 1884, p. 825. (A)
- 1848, June 16.** Addresses in the chapel of the U. S. Military Academy, by Hon. Ashbell Smith, of Texas, and Col. A. W. Doniphan, of Missouri. O. New York. N. Y. [1848], 1 v., O., pp. 21. (A)
- 1848, June.** The firm enforcement of discipline is essential to the success of the Academy; clemency to the individual is too often injurious to the mass; the course of study should extend over five years; a department of law should be established; Spanish should be taught; logic should be cut out of the course; the library should have \$1,500 a year; five cadets are sometimes in one room; 30 dragoons are stationed at West Point. Rept. Board of Visitors. (A)
- Bill of fare of cadets given in full; only one cadet has died from disease since 1802 and the cause of death was pneumonia (1845). Rept. Board of Visitors. [*See* 1840-1860. During these years 11 cadets died.] (A)
- 1848.** The Napoleon Club organized about this time by officers stationed at West Point for the study of campaigns.

- Michie's McClellan, p. 24; Maury's Recollections, p. 50. (A)
- 1848.** report on expenses of military establishment. Secretary W. L. Marcy, Jan. 26, 1848. Senate Ex. Docs., No. 15, 30th Cong., 1st sess., vol. 4, 3 pp. (A)
- 1848-1853.** See Davies (H. E.): General Sheridan, pp. 3-4. See also Sheridan's Personal Memoirs, vol. 1, pp. 5-14. (A)
- See Sheridan, P. H.: Personal Memoirs, vol. 1, pp. 9-14. (A)
- 1848-1861.** Whately (Richard): Elements of logic, comprising the substance of the article in the Encyclopædia Metropolitana, with additions, etc. Boston, 1848. 1 vol., O. (Text-book department of history, geography and ethics, 1848-1861.) Cadet Registers, 1848, p. 22, and 1861, p. 18. (A)
- 1848-1872.** Chapsal (M.): Leçons et Modeles de Littérature Française ou Choix de Moreaux en prose et en Vers. Nouvelle ed. New York, 1846. 1 vol., O. (Text-book department of modern languages, 1848-1872.) Cadet Registers, 1848, p. 23, and 1872, p. 27. (A)
- Mahan (D. H.): [U. S. Military Academy, 1824]: Advance-guard, outpost, and detachment service of troops, with the essential principles of strategy and grand tactics for the use of officers of the militia and volunteers. New ed. New York, 1863. 1 vol., O. (Text-book department of civil and military engineering, 1848-1872.) Rept. Supt. U. S. Military Academy, 1896, p. 161. Cadet Registers, 1872, p. 28. (A)
- 1849, January 1.** Order relating to captured Mexican flags and services of graduates in Mexican war. Post Orders, vol. 3, p. 289. (A)
- 1849, January 23.** First class goes on pledge for sake of a classmate. Post Orders, vol. 3, p. 293. (A)
- 1849, February 19.** Act of Congress: forage allowances of professors U. S. Military Academy. (A)
- 1849, April 9.** Cadets required to bathe in new barracks once a week. Not oftener without Superintendent's permission. Order Book (49-59), U. S. C. C. (A)
- 1849, November 22.** Cadets desiring to bathe more than once a week required to get permit in writing. Post Orders, vol. 3, p. 386. (A)
- 1849, November 24.** Professors and other officers required to attend chapel. Post Orders, vol. 3, p. 386. (A)
- 1849.** Report on contingent expenses of War Department. Secretary W. L. Marcy, Jan. 6, 1849. House Ex. Doc., No. 32, 30th Cong., 2d sess., vol. 4, 5 pp. Statement of contingent expenses of military establishment for year 1848. (A)
- 1849.** Lieut. C. P. Kingsbury's elementary treatise on artillery and infantry (New York, 1849. 1 vol., O., pp. 293) took the place of Thiroux' Artillery [in French] as a text-book. (A)
- 1849, about.** A change of the cadet uniform from gray to blue was proposed. See Willis (N. P.). Hurrygraphs, ed. of 1851, p. 136. (A)
- 1849-50.** Cadet uniform: Cadet Lieut. G. K. Warren's portrait. Cap ornament, eagle over a large castle; long sword; linen collar turned down over collar of coat; he wears a moustache. Jour. of Rev. Silas Constant, p. 450. (A)
- 1849-1853.** Schofield (J. M.): Forty-six years in the Army, pp. 3-16, 26 et seq., 439 et seq. (A)
- See Cullum, G. W.: Robert Ogden Tyler. A memorial. (A)
- See Davies, Henry E.: General Sheridan. (A)
- See In Memoriam Gen. P. H. Sheridan. (A)
- See Personal Memoirs of P. H. Sheridan, U. S. Army. In two volumes. Vol. 1. (A)
- 1849-1872.** Bolmar (A.): Theoretical and practical grammar of the French language . . . New and rev. ed. New York, 1834. 1 vol., O. (Text-book department of modern languages, 1849-1872.) Rept. Supt. U. S. Military Academy, 1896, p. 138. (A)
- 1849-1885.** Rowan (F. M.): Moreaux Choisis des Auteurs Modernes, a l'usage de la Jeunesse. (New York, 1870. 1 vol., O.) (Text-book department of modern languages, 1849-1885.) Rept. Supt. U. S. Military Academy, 1896, p. 138. (A)
- 1850, May.** The uniform of the U. S. Military Academy band made the same as that of army bands. Boynton's History of West Point, p. 337. (A)
- 1850, June.** The Spanish language should be studied; also evidences of revealed religion; also history and English; more attention to law; new riding hall is needed; the pay of a cadet is \$24 without rations; "India-rubber cloak fund" covers charges for the use of same by cadets; table giving the condition in life of parents of cadets, 1842-1850. Rept. Board of Visitors. (A)
- 1850, August 6.** Corporal of guard stationed at each door of mess hall, etc. Order Book (49-59), U. S. C. C. (A)

- 1850, September 16.** Act of Congress fixes pay of professors U. S. Military Academy. (A)
- 1850, September 28.** Act of Congress fixes the pay of the Superintendent U. S. Military Academy. (A)
- 1850.** Cadet mess hall (Grant Hall) built.
- Main guardhouse built.
- Report on Military Establishment. Secretary G. W. Crawford, Jan. 22, 1850, House Ex. Doc., No. 21, 31st Cong., 1st sess., vol. 7, 5 pp. (A)
- General Orders, Adjutant-General's Office, No. 18, describes the dress of the band. (A)
- Sunday evening parade discontinued. Rept. Board of Visitors, 1852, p. 194. The Board recommends that the south dock be built, *ibid.* (p. 212); table showing the condition of the parents of cadets (p. 213). (A)
- Davies (C.): Logic of mathematics (preface, pp. 3, 4). New York, 1850. 1 vol., O. (A)
- Dress hat and ornament, collar, sword, sword belt, cuffs, chevrons, and plume, shown in photo of General Warren while a cadet. Journal of Rev. Silas Constant, by Roebling. (A)
- Mahan (D. H.) [U. S. Military Academy, 1824]: Summary of the course of permanent fortification and of the attack and defense of permanent works. West Point, 1850. 1 vol., O. (Text-book U. S. Military Academy, 1850.) (A)
- 1850 to —.** Light artillery drill regulations, U. S. Army. Washington, 1891-1 vol., 16°. (Text-book department of tactics, 1850 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 126; Cadet Register, 1850, p. 22. (A)
- Tactics for garrison artillery. Text-book department of tactics, 1850 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 126; Cadet Register, 1850, p. 22.
- Tactics for siege artillery. (Text-book department of tactics, 1850 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 126; Cadet Register, 1850, p. 22.
- Tactics for garrison, siege, and field artillery. (Text-book department of ordnance and gunnery, 1850 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 180.
- 1850-1854.** See Lossing's *Memoir of J. T. Greble*, pp. 17, 22, 95, and elsewhere. (A)
- See Howard (O. O.), the Christian Hero, by L. C. Holloway, 1885, pp. 27-34. (A)
- 1850-1859.** Mordecai (Alfred) [U. S. Military Academy, 1861]: Report of experiments on gunpowder made at Washington Arsenal in 1843 and 1844. Washington, 1845, 1 vol., O. (Text-book department of ordnance and gunnery, 1850-1859.) Rept. Supt. U. S. Military Academy, 1896, p. 180; Cadet Register, 1859, p. 16. (A)
- 1850-1887.** Poncelet (J. V.): Syn-
thetical mechanics. Translated by W. H. C. Bartlett. (Text-book department of natural and experimental philosophy, 1850-1853. Bartlett's Analytical Mechanics used 1853-1887.) Rept. Supt. U. S. Military Academy, 1896, p. 17; Cadet Register, 1887, p. 31.
- 1851, March 3.** Act of Congress fixes the pay of professors U. S. Military Academy. (A)
- 1851, June.** The trophy guns of the Mexican war should be sent from Governors Island to West Point; each cadet costs the United States per year \$690.86; tables of furniture and bedding to be purchased by cadets (\$65.78), of clothing (\$485.72), of miscellaneous expenses (\$38.42), of permanent charges (\$717.34), and for books (\$46.09). Rept. Board of Visitors. (A)
- 1851, October 7.** The library contains 16,036 bound volumes, 300 maps, etc. The accessions were: 1838, 250 vols.; 1839, 602 vols.; 1840, 159 vols.; 1841, 377 vols.; 1842, 108 vols.; 1843, 171 vols.; 1844, 50 vols.; 1845, 130 vols.; 1846, 25 vols.; 1847, 50 vols.; 1848, 80 vols.; 1849, 256 vols.; 1850, 700 vols. MS. letter of Lieut. Henry Coppée, U. S. Army, librarian. (A)
- 1851.** Cadet barracks completed at a cost of \$186,000. It contains 210 rooms. An extension with 33 rooms, costing \$72,000, completed in 1882. (A)
- Whistler (Jas. Abbott McNeill) at West Point. *In* Chap. Book, vol. 8, No. 11, Apr. 15, 1894, pp. 439-442. (A)
- Commandant's office and cadet guardhouse erected at a cost of \$3,500. (The clock in it presented by Lafayette, it is said.) (A)
- Description and view [about 1828], quoted from Hunt's Letters about the Hudson. Also view before 1790. *In* Barber's Hist. Coll. N. Y., 1851, pp. 267-273. (A)
- 1851-1856.** Davis (Daniel, jr.): Manual of magnetism, including also electro-magnetism, magneto-electricity, and thermo-electricity. Boston, 1842, 1 vol., O. (Text-book department of natural and experimental philosophy, 1851-1856.) Cadet Register, 1851, p. 20, and 1856, p. 21. (A)

- 1852, June 21.** Assistant instructors of tactics to be detailed as officer in charge for three days instead of one week. S. O. 38, Order Book (49-50), U. S. C. C. (A)
- 1852, June.** Report Board of Visitors. *In* Cong. Doc. 674, p. 168. The pay of cadets previous to 1845 was \$28.20 per month, and is now \$24, which is insufficient. The present Superintendent has in seven years expended \$6,000 more than his pay. The study of cavalry tactics was recommended in 1833, in 1843, and is again recommended. Table showing the number of graduates from each State, 1802-1851; total, 1,535 (p. 19). (A)
- 1852, July 10.** Watch guards, chains, seals not to be exposed when on duty. Each cadet must have 2 white linen fatigue jackets. Order Book (49-50), U. S. C. C. (A)
- 1852, August 6.** Act of Congress fixes the pay of assistant professors, U. S. Military Academy. (A)
- 1852.** Until this date fencing was taught to the first class, after it to the fourth class. H. J. K.
- Song of the graduates, 1852. Music by Apelles; words by Cadet T. . . . New York, 5 pp., F. Lithograph frontispiece showing uniforms of a cadet private and of a second lieutenant, U. S. Army. (A)
- Reports on naval cadets and instruction. Secretary C. M. Conrad, July 30, 1852, Senate Ex. Doc. No. 98, 32d Cong., 1st sess., vol. 10, 3 pp. In relation to a proposed increase of the number of cadets, and a change in the course of instruction at the Military Academy, with an estimate of the expense thereof. (A)
- Report on the Army. Maj. Gen. Winfield Scott, Nov. 22, 1852. Senate Ex. Docs. No. 1, pp. 33-65, 32d Cong., 2d sess., vol. 2. (A)
- Catalogue of the library of the U. S. Military Academy, West Point, N. Y., exhibiting its condition at the close of the year 1852. New York, John F. Trow, printer, 1853, 1 vol., O., viii, 403 pp., interleaved. [Pages 353-403. Alphabetical index, p. iii-v. Remarks by Lieut. Hy Coppée on earlier catalogues, increase of the library, appropriations, the building and statistics.] (A)
- West Point Cadets Camp Polka, danced under the direction of Mr. Flasko, composed . . . by Emil Ganther, professor of piano, Baltimore [New York?] n. d. [1852]. 4 pp., F. (A)
- 1852.** Second cadet mess hall (Grant Hall), erected at a cost of \$43,187. Boynton's History of West Point, p. 262. Schofield Hall added 1876. Grant Hall enlarged 1902. (A)
- After the completion of the stone mess hall the cadets were messed by contract (Mr. Nicholls, contractor). This system was changed by Colonel De Russy. Cullum MS. (A)
- 1852 1856, and 1861.** Cadet life at West Point, etc. *In* The Life of George D. Bayard, U. S. Army, by S. F. Bayard. New York, 1874. 1 vol., O. (portrait), especially pp. 28 et seq. (A)
- 1852-1881.** Bartlett (W. H. C.) [U. S. Military Academy, 1826]: Elements of natural philosophy. Pt. II. Acoustics; Pt. III. Optics. New York, 1852. 1 vol., O. (Text-book department of natural and experimental philosophy, 1852-1881.) (A)
- 1852-1898.** Church (Albert E.) [U. S. Military Academy, 1828]: Elements of analytical geometry. New York, 1851. 1 vol., O. (Text-book department of mathematics, 1852-1898.) Cadet registers, 1852, p. 21, and 1898, p. 30. (A)
- 1853, January 25.** Battalion sized and reorganized. A and D companies composed of tall cadets, permanently first and fourth companies; B and C small, permanently second and third companies. Permanent assignment to quarters: A, 2 divisions east end; B, 2 divisions east of sally port; C, 2 divisions west, and half of angle division if necessary; D, 2 divisions south wing, and half of angle division, if necessary. Order Book (49-59) U. S. C. C. (A)
- 1853, April 1.** Drawing [tracing] of "present cadet dress cap, black felt, patent leather top, weight 10¼ ounces, cost \$2." Plume of feathers; eagle below eagle as cap ornaments. Original in Engineer Department, Washington. (A)
- 1853, June 24.** The *sun dial* will be under the custody of sentinel on No. 6, who will see that no one in consulting it puts his hands on it. Orders No. 10, extract 18, Order Book (49-59), U. S. C. C. (A)
- 1853, June.** Report Board of Visitors *in* Cong. Doc. No. 711, p. 180. The pay of cadets is \$24 monthly, and does not cover their expenses (p. 187). (A)
- 1853.** Cost of equatorial telescope, \$5,000; cost of artillery and cavalry horses and forage, \$9,480.
- West Point, N. Y. [The third and last of a series of articles.] Ill. *In* Gleason's Pictorial Drawing Room Companion, May 9, 1853. (A)

- 1853.** Regulations. With an appendix containing extracts from the general regulations for the Army, and the rules and articles of war. New York, J. F. Trow, 1853. xxv, 164 pp., O. (A)
- Addresses to the graduating class, 1853, by Kenneth Rayner. (A)
- D'Orémieulx (Mrs. Th. M.): Recollections of West Point in 1853. MS., 5 pp. (1902). (A)
- West Point Dream Waltz, composed and dedicated to Mrs. General Scott by Cadet Thomas Wilson, of the U. S. Military Academy [class of 1853]. [Baltimore?], 1853. 5 pp., F. Colored lithograph frontispiece, showing hotel, etc. (A)
- Woodcut of cadet uniform, showing officer and privates' cap, dress hat, musket, belts, and ornaments. U. S. Military Academy Misc., vol. 1, p. 45. (A)
- 1853-1883.** Miller (William Allen): Physics of chemistry, later called chemical physics, and after about 1866 called magnetism and electricity. New York, 1871. 1 vol., O. (Text-book department of chemistry, 1853-1883.) Rept. Supt. U. S. Military Academy, 1896, p. 105.
- 1853-1887.** Bartlett (W. H. C.) [U. S. Military Academy, 1826]: Elements of analytical mechanics. 3d ed. New York, 1855. 1 vol., O. (Text-book department of natural and experimental philosophy, 1853-1887.) Rept. Supt. U. S. Military Academy, 1896, pp. 18-19. (A)
- 1854, February 2.** Gen. J. G. Swift sent to Colonel Thayer a memoir on West Point; and to the editor of the National Intelligencer a notice of the U. S. Military Academy. Swift's Diary, MS.
- 1854, May 10.** Act of Congress fixes the pay of the master of the sword. (A)
- 1854, June.** Rept. Board of Visitors in Cong. Doc. No. 747, p. 128. A five years' course is recommended; the elocution of the cadets is poor; history should be studied (p. 130); cadets graduate in debt (p. 131); new officers' quarters badly needed (p. 148); the methods of instruction described (p. 150); a preparatory school is recommended (p. 151); list of the public buildings (p. 155). (A)
- Rept. Board of Visitors, Cong. Doc. 778, p. 128. A five years' course recommended (p. 130); list and description of 21 public buildings at West Point (p. 155). (A)
- Course of study extended to five years; better hospital needed; professor of ethics should be appointed; study of history to be enforced. Ex. Doc., vol. 1, pt. 2, 1854-55, p. 18-117.
- 1854, August 28.** Order of Secretary of War fixes the duration of the course at five years (the class of 1854 was divided; part graduated in 1854, the rest in 1855). Oct. 11, 1858, the course changed to four years, and Apr. 5, 1859, to five years. Boynton's History of West Point, pp. 248, 250. (A)
- 1854, September 1.** The Spanish language first taught at U. S. Military Academy. The professorship was established by act of Congress Feb. 16, 1857. P. de Janon, professor, 1857-1882 (except 1863-1865). A list of text-books employed given at p. 141, loc. cit. Rept. Supt. U. S. Military Academy, 1896, pp. 139, 141. (A)
- 1854, September 18.** Course changed to five years. Post Orders, vol. 4, p. 216. (A)
- 1854, October 7.** The last register of the graduates was published in 1850. It is proposed to publish a register every five years instead of triennially, as heretofore, beginning in 1855. Rept. Supt. U. S. Military Academy, Cong. Doc. No. 747, p. 127. (A)
- 1854.** Addresses to the graduating class, 1854, by S. J. Bayard. pam., O. (A)
- Anonymous: West Point and cadet life. In Putnam's Monthly, August, 1854, pp. 192-204. (A)
- Report on the Military Academy, Superintendent and Board of Visitors, June and October, 1854, House Ex. Docs., No. 1, pt. 2, pp. 117-158, 33d Cong., 2d sess., vol. 1. (A)
- The Ordnance Museum founded. Boynton's History of West Point, p. 297. (A)
- Cavalry stables built.
- Cost of a wharf [the south dock], \$4,330.
- 1855, March 3.** Act of Congress fixes the pay of the professors of French and Spanish and of drawing. (A)
- 1855, June.** Rept. Board of Visitors, Cong. Doc. 811. The system of the U. S. Military Academy forms habits of order, system, punctuality, responsibility, subordination, obedience, and consequent efficiency (p. 226); course of studies (p. 248); officers' quarters badly needed (p. 254); report of the librarian (p. 258). (A)
- 1855, July 7.** Colonel Walker, commandant, calls on fourth classmen to use their bayonets on upper classmen interfering with them, etc., and reminds sentinels that their muskets have

- bayonets. Order Book (49-59), U. S. C. C. (A)
- 1855, September 6.** Cadet and non-commissioned officers boarding at Mrs. Thompson's to procure substitutes and to attend meals at mess hall when their services are required. Order Book (49-59), U. S. C. C. (A)
- 1855.** First cadet riding hall built at a cost of \$22,000. (A)
- Report on Military Academy, Board of Visitors, June, 1855. House Ex. Docs., No. 1, pt. 2, pp. 225-259, 34th Cong., 1st sess., vol. 1. (A)
- Report on Military Academy, Supt. J. G. Barnard, Sept. 30, 1855. House Ex. Docs., No. 1, pt. 2, pp. 216-224, 34th Cong., 1st sess., vol. 9. (A)
- Letters on the Military Academy, Colonel Lee and General Totten, December, 1854, and January, 1855. House Misc. Docs., No. 13, 33d Cong., 2d sess., vol. 1, 6 pp. (A)
- Report on Military Academy, Representative Houston, Jan. 11, 1855. House Repts., No. 26, 33d Cong., 2d sess., vol. 1, 1 p. (A)
- Estimates for Military Academy, Supt. J. G. Barnard, Oct. 11, 1855. House Ex. Docs., No. 1, pt. 2, pp. 224-225, 34th Cong., 1st sess., vol. 1. (A)
- Willis (N. P.): Out-doors at Idlewild; or the shaping of a home on the banks of the Hudson [near Cornwall] . . . New York, 1855. 1 vol., O. See pp. 414-423. (A)
- The State of Kentucky moves that the Hermitage be purchased and the Academy moved there. House Misc. Docs., vol. 2, p. 151.
- 1855, about.** The trees along sentinel's beats in camp planted.
- 1855 to —.** (By authority) Cavalry tactics U. S. Army, assimilated to the tactics of infantry and artillery. New York, 1878. 1 vol., O. (Text-book department of tactics, 1855 to —.) Cadet Register, 1855, p. 20. (A)
- 1855-1858.** Lossing (Benson J.): A pictorial history of the United States. New York, 1854. 1 vol., O. (Text-book department of geography, history, and ethics, 1855-1858.) Cadet Registers, 1855, p. 22, and 1858, p. 19. (A)
- 1855-1867.** Sargent (Epes): The standard speaker, containing exercises in prose and poetry for declamation in schools, academies, . . . a treatise on oratory and elocution. 11th ed. Philadelphia, 1854. 1 vol., O. (Text-book department of ethics, 1855-1867. Cadet Registers 1855, p. 22, and 1867, p. 24. (A)
- 1855-1891.** Bartlett (W. H. C.) [U. S. Military Academy, 1826]: Elements of natural philosophy. Vol. IV. Spherical astronomy. New York, 1855. 1 vol., O. (Text-book department of natural and experimental philosophy, 1855-1891.) Rept. Supt. U. S. Military Academy, 1896, pp. 18-19. (A)
- 1856, April 23.** Act of Congress fixes the extra pay of the librarian, assistant librarian, and other employees. The Secretary of the Senate is to furnish the library, U. S. Military Academy, with a copy of all Senate documents. (A)
- 1856, June 12.** Act of Congress gives the local rank of colonel and lieutenant-colonel of Engineers, respectively, to the Superintendent U. S. Military Academy and to the commandant of cadets, the latter to be instructor of tactics; fixes the pay of the senior assistants of tactics. (A)
- 1856, June.** Rept. Board of Visitors in Cong. Doc. No. 876, p. 300. The Superintendent should be selected from any one of the scientific corps of the Army (p. 301); perhaps a second academy should be established (p. 301); piazzas should be built to cadet barracks (p. 302); cadets should not be turned back (p. 303); a department of moral philosophy, etc., should be established (p. 305); cost of board for cadets per month is \$9.59 (p. 317); the elocution of cadets is bad (p. 326.) (A)
- 1856, October 11.** The commandant takes pleasure in announcing that the corps will be reviewed by the Hon. Jefferson Davis, Secretary of War. By order Colonel Hardee. Order Book (49-59), U. S. C. C. (A)
- 1856.** Capt. G. B. McClellan built and armed the mortar and siege batteries. Cong. Doc. 1089, p. 151. (A)
- Soldiers' chapel built (now used as barracks for field musicians).
- Report of the condition of the Military Academy. Senate Doc., 1855-56, vol. 2, p. 214.
- Report of West Point Visitors, Francis H. Smith, president, June 17, 1856. Senate Ex. Docs. No. 5, pp. 300-356, 34th Cong., 3d sess., vol. 3. (A)
- Spanish not taught. Professor recommended. Better water supply, barracks, etc., needed. Ex. Docs., 1856-57, vol. 1, pt. 2, No. 782.
- Report on the Military Academy. Superintendent and Board of Visitors, June and October, 1856. House Ex. Doc., No. 1, part 2, pp. 293-339, 34th Cong., 3d sess., vol. 1. (A)

- 1856, about.** Stereoscopic slide on glass showing cadets serving the guns of the seacoast battery. (A)
- 1856 to —.** Spiers (A.), and Surenne (Gabriel): Standard pronouncing dictionary of the French and English languages. New York, 1859, 1 vol., O. (Reference text-book department of modern languages, 1856 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 138. (A)
- 1856-1858.** Roemer (J.) and Camancho (Simon): Polyglot reader, and guide for translation, consisting of a series of English extracts, with their translation into French, German, Spanish, and Italian. New York, 1855. 1 vol., O. (Text-book department of modern languages, 1856-1858.) Rept. Supt. U. S. Military Academy, 1896, p. 141. (A)
- 1856-1861.** Weber (Dr. George): Outlines of universal history, from the creation of the world to the present time. Translated from the German by Dr. M. Behr. 3d ed. Boston, 1854. 1 vol., O. (Text-book department of geography, history, and ethics, 1856-1861.) Cadet Registers, 1856, p. 22, and 1861, p. 17. (A)
- 1856-1874.** Josse (M.): A grammar of the Spanish language. New York, 1869, 1 vol., O. (Text-book department of modern languages, 1856-1874.) Rept. Supt. U. S. Military Academy, 1896, p. 141. (A)
- 1857, January 31.** Academic and military staff assembled to witness ceremony of class taking oath of allegiance. Post Orders, vol. 5, p. 19. (A)
- 1857, February 16.** Act of Congress authorizes the appointment of a professor of Spanish; fixes the pay of the master of the sword. (A)
- 1857, March 3.** Act of Congress fixes the pay of cadets at \$30 per month. (A)
- 1857, March 11.** Cadets of first class sent to hospital in camp town for purposes of instruction in care of sick soldiers, police discipline, and sanitary arrangements. Post Orders, vol. 5, p. 26. (A)
- 1857, April 25.** All regular guards of post mounted together; cadet guard on right. Post Orders, vol. 5, p. 35. (A)
- Cadets allowed to smoke. Post Orders, vol. 5, p. 34. (A)
- 1857, June 22.** Five cadets relinquished part of their furlough at the request of commandant and superintendent. Post Orders, vol. 5, p. 56. (A)
- 1857, June.** Paper submitted to the Board of Visitors *in* Cong. Doc. No. 920, pp. 204-218. [It is a severe criticism of the course of civil and military engineering, U. S. Military Academy, with suggestions for its improvement. It was indorsed by the Board of Visitors, same vol., p. 200.] (A)
- 1857, June.** Rept. Board of Visitors *in* Cong. Doc. 920, p. 197. The study required of cadets is excessive; the subjects studied not always adapted to the ends required (p. 198); a reorganization is necessary (p. 199); the text-books in use are not satisfactory (p. 200); new plan for administration of the U. S. Military Academy and the post proposed (pp. 201-202); a board should be appointed to consider and report on the Academy (p. 203). (A)
- 1857, July 15.** The use of umbrellas by officers of Army on duty with corps of cadets is strictly forbidden. Order Book (49-59), U. S. C. C. (A)
- 1857, August 14.** Revised edition of regulations for the Military Academy ineffect. Post Orders, vol. 5, p. 71. (A)
- 1857, September 11.** Cadets will be allowed to smoke in area of barracks and no other place. Order Book (49-59), U. S. C. C. (A)
- 1857, November.** Gas works built.
- 1857, December 23.** Lieutenant Casey, Corps of Engineers, appointed director of the gas works, and instructions given for supply of gas and charges for same. Post Orders, vol. 5, p. 107. (A)
- 1857.** From 1831 to 1857 every professor and officer stationed at West Point was obliged to report all violations of regulations. The regulations of 1857 placed all discipline in the hands of the tactical department. Cong. Doc. 1089, p. 263. (A)
- Class rings. The Association of Graduates has metal copies of class rings, 1857-1870. (There are two styles for 1861.) (A)
- Chase (W. H.) [U. S. Military Academy, 1815]: Reply of . . . to the strictures of "Another who also knows" upon the report of the late Board of Visitors at West Point, 1857. Pensacola, 1857, 1 vol., O, 6 pp. (A)
- (Old) cavalry barracks built. Now used for post exchange.
- Cadet uniform forage cap. (See class album of 1857.) (A)
- Flat buttons worn on riding jacket. Photo of W. Sinclair, class album, 1857. (A)
- Gray pantaloons worn by cadets. Photo in class album, 1857. (A)

- 1857.** Cadets' white pantaloons open in front, and used for riding (?) Photo in class album, 1857. (A)
- White vest worn by cadets. Photo in class album, 1857. (A)
- Cane and watch chain shown to have been used by cadets. Photos in class album, 1857. (A)
- Cap cover used by cadets. Photo in class album, 1857. (A)
- Cadet sword and knot shown; forage cap and riding uniform changed; dress coat slashed at cuff; dress hat ornament eagle and castle; sash, collar, and stock worn. Photos in class album, 1857. (A)
- Regulations. 1 vol., O. (A)
- Report on the Hermitage. Senator Jones. Feb. 12, 1857. Senate Repts., No. 385, 34th Cong., 3d sess., vol. 1, 2 pp. Recommending the acceptance of the Hermitage from the State of Tennessee for a branch of West Point Military Academy. (A)
- Report on military disbursements. Secretary Jefferson Davis. Jan. 2, 1857. Senate Ex. Docs., No. 18, 34th Cong., 3d sess., vol. 5, 5 pp. (A)
- 1857-1861; also 1870-1875.** See Michie, P. S.: Life and Letters of General Upton (Emory), pp. 290, 418, and elsewhere. (A)
- 1857-1883.** Velazquez (M.) and Simonné (T.): Ollendorff's new method of learning to read, write, and speak the Spanish language. New York, 1867, 1 vol., O. (Text-book department of modern languages. 1857-1883.) Cadet Register, 1857, p. 16; Rept. Supt. U. S. Military Academy, 1896, p. 141. (A)
- 1857-1892.** Larned (C. W.): The use of tobacco by cadets. In Lander (M.): The Tobacco Problem, p. xxxi. (A)
- 1857-1902.** Class albums of the cadets of the classes of 1857, 1859, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903 are owned by the library. [N. B. The missing numbers are very much wanted.] (A)
- 1858, March 26.** Company A, engineers, under Lieutenant Duane, ordered to Leavenworth to take part in the Utah expedition. Post Orders, vol. 5, p. 131. (A)
- 1858, April 13.** Mr. Antoné Lorentz reports as sword master. Post Orders, vol. 5, p. 137. (A)
- 1858, June 12.** Act of Congress recognized the department of tactics U. S. Military Academy. Instruction had, of course, been given since 1802. The Superintendent was commandant of cadets till 1818, when the Superintendent appointed a commandant. Later (1828, Dec. 5) the Secretary of War designated the commandant. The title "commandant of cadets" was recognized in the Regulations of 1825. Rept. Supt. U. S. Military Academy, 1896, p. 122, and Cullum MSS. (A)
- 1858, June.** Rept. Board of Visitors. Cong. Doc. No. 999, p. 839, recommends the creation of a department of law (p. 840); assistant professors (p. 842); competitive examinations for entrance recommended (p. 845); inadequacy of officers' quarters (p. 846); the Superintendent should have the local rank of colonel (p. 849); new clock for academic building bought this year for \$700. (A)
- Rept. Board of Visitors in Cong. Doc. No. 976, p. 839. A department of law should be created (p. 840); approval of the course of civil and military engineering (p. 841); cadets should be admitted after competitive examinations (p. 845); the Superintendent should have the local rank of colonel (p. 850). (A)
- 1858, July 6.** Superintendent and commandant have local rank of colonel and lieutenant-colonel, respectively. Post Orders, vol. 5, p. 160. (A)
- 1858, September 11.** "Two stands of colors taken from the British army under the capitulation of York" presented to Military Academy. Post Orders, vol. 5, p. 175. (A)
- United States garrison flag which had floated at Vera Cruz and Perota and was raised upon the citadel of Mexico at the capture of that capital by General Scott presented to Military Academy. Post Orders, vol. 5, p. 175. (A)
- 1858, October 11.** The course of study was fixed at four years; Apr. 5, 1859, at five years; and July, 1861, at four years. Boynton's History of West Point, pp. 250, 252. (A)
- 1858.** Complete account of the proceedings of the academic board on the question of a four against a five year course at West Point. Cong. Doc. 1089, pp. 274-277. (A)
- Engineer barracks built.
- Artillery barracks built (remodeled, 1900).
- Letters relating to the Military Academy, Jan. 6, 1858. House Mis.

- Docs., No. 18, 35th Cong., 1st sess., vol. 1, 4 pp. (A)
- 1858.** Report on expenses of Military Academy. Secretary J. B. Lloyd, Feb. 4, 1858. Senate Ex. Docs., No. 23, 35th Cong., 1st sess., vol. 7, 2 pp. (A)
- 1858-1859.** Notes on fabrication of cannon and projectiles. (Text-book department of ordnance and gunnery, 1858-1859.) Cadet Registers 1858, p. 17, and 1859, p. 16; Rept. Supt. U. S. Military Academy 1896, p. 180.
- 1858-1861.** Tennemann, (—): A manual of the history of philosophy . . . translated from the German by Rev. Arthur Johnson, revised enlarged and continued by J. R. Morrell. London, 1852, 1 vol., O. (Text-book department of history, geography, and ethics 1858-1861.) Cadet Registers, 1858, p. 18, and 1861, p. 18. (A)
- 1858-1862.** De Hart (William C.): Observations on military law and the constitution and practice of courts-martial, with a summary of the law of evidence as applicable to military trials. New York, 1846. 1 vol., O. (Text-book department of geography, history, and ethics, 1858-1862.) Rept. Supt. U. S. Military Academy, 1896, p. 156; Cadet Register, 1862, p. 17. (A)
- 1858-1882.** Moseley (Henry): The mechanical principles of engineering and architecture . . . with additions by D. H. Mahan. 1st Am. from 2d Lond. ed. New York, 1860. 1 vol., O. (Text-book department of civil and military engineering 1858-1882.) Rept. Supt. U. S. Military Academy, 1896, p. 132. (A)
- 1858-1883.** Morales (Augustin José): Progressive Spanish reader, with an analytical study of the Spanish language. New York, 1876. 1 vol., O. (Text-book department of modern language, 1858-1883.) Rept. Supt. U. S. Military Academy, 1896, p. 141. (A)
- 1858-1884.** Fownes (George): Elementary chemistry, theoretical and practical. Ed. with additions by Robt. Bridges. Philadelphia, 1854. 1 vol., O. (Text-book Department of chemistry, 1858-1884.) Rept. Supt. U. S. Military Academy, 1896, p. 105. (A)
- 1859, March 1.** Programme of four-year course adopted. Post Orders, vol. 5, p. 221. (A)
- **April 5.** Five-year course resumed. Post Orders, vol. 5, p. 229. (A)
- **June.** Rept. Board of Visitors in Cong. Doc. No. 1024, p. 658. Officers of all arms of the service should be detailed as instructors (p. 661); the geological specimens of the U. S. Military Academy are now being arranged at the Smithsonian Institution (p. 663); a special cavalry school should be added (p. 664); defects in buildings and in heating cadet barracks (by furnaces) noted (p. 664); a cadet should be commissary for the mess (p. 666). (A)
- 1859, September 12.** The commandant of cadets was charged, by the Secretary of War, with instruction in strategy, etc., but Oct. 20, on the recommendation of the commandant, these subjects remained with the department of engineering. Rept. Supt. U. S. Military Academy, 1896, p. 125. (A)
- 1859.** Rept. Board of Visitors at West Point. President John Johnson. Dec. 27, 1859. Senate Docs., No. 2, pp. 658-675, 36th Cong., 1st sess., vol. 2. (A)
- **West Point Life:** An anonymous communication, read before a public meeting of the Dialectic Society. U. S. Military Academy, Mar. 5, 1859, 16 pp. [a poem], O. pam. 7 copies. [Author: Horace Porter.] (A)
- **Catalogue of the library, of the U. S. Military Academy, West Point, N. Y., with a supplement exhibiting its condition at the close of September, 1859.** [n. p., n. d.] 1 vol., O. [Combines in one volume the catalogue of 1853 and supplement published in 1860, with a new title page; with colored lithograph of the library building.] (A)
- **Fowler (William C.): English grammar. The English language in its elements and forms, with a history of its origin and development. Rev. and enlgd. ed. New York, 1858. 1 vol., O. (Text-book department of geography, history, and ethics, 1859.)** Cadet Register, 1859, p. 18. (A)
- 1859 to —.** Mahan (D. H.): Advanced-guard, outpost, and detachment service of troops, with the essential principles of strategy and grand tactics. New York, 1864. 1 vol., O. (Text-book department of tactics, 1859 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 126. (A)
- 1859-1860.** Regnault (M. V.): Elements of chemistry . . . translated from the French by Thomas R. Betton, M. D. Philadelphia, 1852. 2 vols., O. (Text-book department of chemistry, 1859-1860.) Rept. Supt. U. S. Military Academy, 1896, p. 106. (A)
- **Jomini (Baron de): Summary of the art of war, or a new analytical compend of the principal combinations of strategy, of grand tactics, and of military policy . . . translated from the French by Maj. O. F. Winship and Lieut. E. E. McLean. New York, 1854. 1 vol., O. (Text-book department of tactics, 1859-1860.)** Rept.

- Supt. U. S. Military Academy, 1896, p. 126; Cadet Register, 1860, p. 17. (A)
- 1859-1861.** Youatt (William): On the horse. A new edition. Together with a general history of the horse, and an essay on the ass and the mule. Philadelphia, 1844. 1 vol., O. (Text-book department of tactics, 1859-1861.) Rept. Supt. U. S. Military Academy, 1896, p. 126; Cadet Register, 1861, p. 18. (A)
- The ordnance manual for the use of the officers of the U. S. Army. 2d ed. Washington, 1850. 1 vol., O. (Text-book department of ordnance and gunnery, 1859-1861.) Rept. Supt. U. S. Military Academy, 1896, p. 130. (A)
- 1859-1867.** Roget (Peter Mark): The-saurus of English words and phrases, so classified and arranged as to facilitate the expression of ideas and assist in literary composition . . . revised and edited by Barnas Sears. Boston, 1857. 1 vol., O. (Text-book department of geography, history, and ethics, 1859-1867.) Cadet Registers, 1859, p. 17, and 1867, p. 24. (A)
- 1859-1883.** Agnel (H. R.): Tabular system. (Text-book department of modern languages, 1859-1883.) Rept. Supt. U. S. Military Academy, 1896, p. 138.
- Agnel (H. R.): Cours d'Idiotismes a l'usage, etc. (Text-book department of modern languages, 1859-1883.)
- John Montgomery Wright [cadet, 1859-1861]: West Point before the war. In *The Southern Bivouac*, June, 1885, pp. 13-21. (A)
- 1860, January 25.** A board of officers at West Point prepares a programme of studies (five-year course). Cong. Doc. 1089, p. 225. (A)
- 1860, June 21.** A commission appointed by Congress to inquire into affairs at U. S. Military Academy (Senator Jefferson Davis, chairman). Its report dated Dec. 13, 1860. Boynton's history of West Point, p. 251. (A)
- 1860, June 22.** Regulations (par. 90) as to gray and white vests not interpreted as giving authority to wear them in ranks. Order Book (60-70), U. S. C. C. (A)
- 1860, June.** Rept. Board of Visitors in Cong. Doc. No. 1079, p. 274. The War Department orders of Apr. 12, 1860, operate against good discipline and should be rescinded (p. 275); discussion of the curriculum (p. 276) and of practical exercises (p. 278); the veterinary art is now studied; the selection of candidates (p. 281); table giving the condition of the parents of cadets, 1842-1860 (p. 287). (A)
- 1860, September 3.** Official report of O. M. Gen. Nathaniel Greene of the Revolutionary Army to General Washington presented to the Academy by Mr. L. W. Washington of Virginia. Post Orders, vol. 5, p. 372.
- 1860, November 1.** Number of cadets present, 278; ditto from the South, 86; of the 86, there were discharged, dismissed, or resigned from causes connected with the civil war, 65; of the 86, there remained at U. S. Military Academy, 15. Boynton's History of West Point, p. 252. (A)
- 1860.** Supplement to the catalogue of the library of the U. S. Military Academy, West Point, N. Y., containing the additions from Jan. 1, 1853, to Oct. 1, 1859. Prepared under the direction of Colonel Delafield, Superintendent of the Military Academy, by Lieut. O. O. Howard, librarian, [and] André Preis, assistant librarian. New York, printed by G. W. Wood, 1860. 1 vol., O. iv, 155 pp.; pp. 139-155, alphabetical index. (A)
- Report of a commission [Jefferson Davis, Solomon Foot, II, Winter Davis, John Cochrane, Maj. Robt. Anderson, Capt. A. A. Humphreys] appointed . . . to examine into the organization, . . . discipline, and . . . instruction of the U. S. Military Academy at West Point, Dec. 13, 1860. Senate Misc. Docs. No. 3, 36th Cong., 2d sess., 350 pp. (C)
- Tables showing the employment of a cadet's time; the studies followed; the time required for preparation of each recitation in each subject. Cong. Doc. 1089, pp. 281-283. (A)
- Tabular statement of time necessary to prepare lessons in different studies. Civil and military engineering, 4 hours; mineralogy and geology, 2; law, 0.3; ordnance and gunnery, 2.3; tactics, 3; chemistry, 2.3; philosophy, 4; French, 2; Spanish, 1.3; mathematics, 3.45 and 3; history and ethics, 2. The course of study lasted five years. Cong. Doc. 1089, p. 283. (A)
- Each cadet is required to perform all the duties of company officer, officer of the day, guard and police at least once before graduation. Cong. Doc. 1089, p. 185. (A)
- Bill of fare at cadets' mess. Cong. Doc. 1089, pp. 304-307. (A)
- A cadet's view of the discipline and instruction at U. S. Military Academy. Cong. Doc. 1089, pp. 108-122. (A)

- 1860.** Comparison of U. S. Military Academy with the Ecole Polytechnique, St. Cyr and Metz. Cong. Doc. 1089, p. 55. (A)
- Address to the graduating class. pam., O. 1860, by G. P. Marsh. (A)
- Report of Board of Visitors to W. P. Military Academy, Dec. 4, 1860. Senate Docs., No. 1, pp. 274-289, 36th Cong., 2d sess., vol. 2. (A)
- Extracts from McClellan's military commission to Europe. (Text-book department of civil and military engineering, 1860.) Cadet Register, 1860, p. 17.
- Articles of war, military laws, and rules and regulations for the Army of the United States. A. and I. G. Office, 1816, 1 vol., O. (Text-book department of geography, history and ethics, 1860.) Cadet Register, 1860, p. 27. (A)
- 1860 to —.** U. S. Army drill regulations. (Text-book department of tactics, 1860 to —.) Cadet Register, 1860, p. 18.
- 1860-1861.** French, (Rev. J. W.): Prefixes and suffixes. (Text-book department of geography, history and ethics, 1860-1861.) Cadet Registers, 1860, p. 19, and 1861, p. 19.
- Farley, J. P. [U. S. Military Academy, 1861]; West Point in the early sixties, with incidents of the war. Ill. Troy, 1902, 1 vol., O. [Many views of West Point.] (A)
- 1860-1867.** French, (Rev. J. W.): Vocabulary. (Text-book department of geography, history and ethics, 1860-1867.) Cadet Registers, 1860, p. 19, and 1867, p. 24.
- Parker, (Richard Green): Aids to English composition. 20th ed. New York, 1858, 1 vol., O. (Text-book department of ethics, 1860-1867.) Cadet Registers, 1860, p. 18, and 1867, p. 24. (A)
- 1860-1877.** French, (Rev. J. W.): A short course of instruction in the practical part of ethics. New York, 1858, 1 vol., O. (Text-book department of history, geography and ethics, 1860-1877.) Cadet Registers, 1860, p. 19, and 1877, p. 36. (A)
- 1861, January 3.** Announcement that Jan. 4 was appointed by the President as a day of fasting, humiliation and prayer. Academic duties suspended, etc. Post Orders, vol. 5, p. 399. (A)
- 1861, January 7.** Lieut. Charles Griffin directed to organize and drill a field battery of four pieces, with six horses, etc. Post Orders, vol. 5, p. 400. (A)
- 1861, January 23.** Colonel Beauregard assumes command of West Point as Superintendent. Post Orders, vol. 5, p. 405. (A)
- 1861, January 28.** Colonel Beauregard transfers back the superintendency of the Military Academy to Colonel Delafield. Post Orders, vol. 5, p. 407. (A)
- 1861, May 6.** First class ordered to Washington without graduation. Post Orders, vol. 6, p. 14. (A)
- 1861, May 13.** Military and academic staff takes oath of allegiance. Post Orders, vol. 6, p. 17. (A)
- 1861, June 30.** First class ordered to Washington to report to Adjutant-General. Post Orders, vol. 6, p. 30. (A)
- 1861, July 27.** First class [third first class in this year] ordered to begin recitations and prepare for graduation. Post Orders, vol. 6, p. 38. (A)
- 1861, July 30.** Graduation of first class [third first class of this year] postponed until 1862. Post Orders, vol. 6, p. 38. (A)
- 1861, August 3.** Act of Congress increases the Corps of Engineers and the Ordnance Department and provides for adding three companies of engineer soldiers; provides that cadets recommended deficient and to be discharged shall not be appointed in the Army till after the graduation of their classes. (A)
- Act of Congress prescribes the form of oath to be taken by cadets entering the U. S. Military Academy; repeals part of the act of Aug. 23, 1842, providing double rations to the Superintendent U. S. Military Academy. (A)
- Oath of allegiance to be taken by cadets; July 2, 1862, the "iron-clad" oath was taken. Boynton's History of West Point, p. 253. (A)
- 1861, August 6.** Act of Congress increases the Corps of Engineers, etc. (A)
- 1861, August 29.** Oath of allegiance administered to cadets. Post Orders, vol. 6, p. 44. (A)
- Cadets William W. Dunlap and John C. Singleton, having refused to take oath of allegiance, are dismissed the service. Post Orders, vol. 6, p. 44. (A)
- 1861, September 25.** Announcement that Sept. 26, 1861, has been appointed by the President a day of fasting, humiliation and prayer. All exercises suspended. Post Orders, vol. 6, p. 52. (A)
- 1861, October 28.** Company A, Engineers, under command of Capt. J. C. Duane, ordered to Washington to report to General McClellan. Post Orders, vol. 6, p. 62. (A)

- 1861.** List of 150 graduates, officers U. S. Army, who left the service to join the C. S. Army. *In* Heintman's Hist. Register U. S. Army, p. 180. [The Army then contained about 753 officers on the active list who were graduates. The percentage of graduates joining the C. S. Army was about 20. Nearly one-half of the officers appointed from civil life did so. *See also* The Volunteer Soldier in America, p. 342.] (A)
- Resolutions relative to the Military Academy, Rhode Island legislature, July 17, 1861. Senate Mis. Docs., No. 3, 37th Cong., 1st sess., 1 p. (A)
- S. R. Franklin: Memories of a Rear Admiral, Ch. XXIV. Ill. New York, 1898, 1 vol., O. (A)
- Report of Board of Visitors to Military Academy. Charles Davies, July 5, 1861. Senate Docs., No. 1, pp. 29-48, 37th Cong., 1st sess. (A)
- At this time every Southern State save Florida and Texas was supporting a military academy officered by graduates U. S. Military Academy. Michie's McClellan, p. 67. (A)
- Relation of graduates to the volunteer army. Schofield (J. M.): Forty-six Years in the Army, p. 514. (A)
- Oath taken by cadets before 1861. *See* Tillman, S. E.: The West Point Oath, *in* N. Y. Nation, May, 1885, p. 399. (A)
- General Orders, Adjutant-General's Office, No. 45. Regulations respecting cadets. (A)
- 1861-1862.** Barnard, Maj. J. G.: Letters to the editors of the National Intelligencer, in answer to the charges against the U. S. Military Academy in the report of the Secretary of War, of July, 1861. New York, 1862, 1 pam., O., 18 pp. (A)
- 1861-1865.** *See* Mitchell, F. A. A Biographical Narrative: Ormsby Mac-Knight Mitchell, astronomer and general. 1 v., O. (A)
- List of 299 graduates who served in the Confederate Army, with highest commission and command. (Compiled by W. G. McCabe, late C. S. Army.) *In* Bull. Assoc. of Grads. No. 2 (1902), p. 53. (A)
- Th. Roosevelt: Cromwell, pp. 67-68. Ill. New York, 1900, 1 vol., O. (A)
- *See* Headley, P. C.: Young Folks' Heroes of the Rebellion, "Old Stars." [Mitchell (O. M.).] (A)
- 1861-1882.** No regular instruction in gymnastics during this period. H. J. K.
- 1861-1889.** Benton (J. G.) [U. S. Military Academy, 1842]: A course of instruction in ordnance and gunnery. New York, 1867, 1 vol., O. (Text-book department of ordnance and gunnery, 1861-1889.) Cadet Register, 1861, p. 17, and 1889, p. 32. (A)
- 1862, July 2.** Act of Congress prescribes the oath to be taken by [cadets]. (A)
- 1862.** Report of the committee of the academic board of the U. S. Military Academy in relation to the restoration of cadets who have been discharged from the institution. New York, 1 vol., O., pp. 11. (A)
- Marshall, E. Chauncey: Are the West Point Graduates Loyal? New York, 1862, 1 pam., O., 8 pp., 2 copies. (A)
- Cadet Life at West Point; by an officer of the U. S. Army [J. B. Kinsman], with a descriptive sketch of West Point by Benson J. Lossing. B.: Burnham, 1862, 1 vol., O., 367 pp. (A)
- Trollope, Anthony. North America. New York, 1862. [Ch. 12, pp. 164-172, "From Buffalo to New York," contains several pages on West Point, its institutions and system, with brief notices of Albany and the river in general.]
- "West Point, the best of such schools to be found in any country." Wolseley: Story of a Soldier's Life, vol. 2, p. 140, note. (A)
- 1862-1875.** French (Rev. J. W.): Law and military law, with an analysis by subjects. New York, 1861, 1 vol., O. (Text-book department of geography, history, and ethics, 1862-1875, and department of law, 1875-1877.) Rept. Supt. U. S. Military Academy, 1896, p. 157; Cadet Register, 1877, p. 36.
- 1863, March 3.** Act of Congress merges the Corps of Topographical Engineers in the Corps of Engineers. (A)
- 1863, April 30.** Announces a day of fasting, humiliation, and prayer. All exercises suspended. Post Orders, vol. 6, p. 173. (A)
- 1863, June 18.** Practical instruction in photography given to first class. Post Orders, vol. 6, p. 181. (A)
- 1863, July 14.** Capt. W. P. Chambliss, Fifth Artillery, and First Lieut. C. C. Parsons, Fourth Artillery, with 59 men, sent to arsenal, corner Seventh avenue and Thirty-fifth street, New York. Post Orders, vol. 6, p. 187. (A)
- 1863, August 5.** Announces that President has appointed Aug. 6 a day of thanksgiving and rejoicing for victory. All duties, etc., suspended for that day. Post Orders, vol. 6, p. 189. (A)

- 1863, December 10.** Letter of General Totten proposing a form of certificate to be taken by cadets with respect to hazing new cadets. Unless the certificate could be signed, furlough was limited or not granted. *Army and Navy Jour.*, Jan. 12, 1901, p. 473. (A)
- 1863.** Deficiencies. *N. Y. Times* (ed.), Jan. 21, 1863, p. 4, col. 2.
- Graduates and the General Porter court-martial. *N. Y. Times* (ed.), Jan. 23, 1863, p. 4, col. 5.
- During the draft riots in New York City the corps of cadets was held in readiness to repel an anticipated attack on West Point. No attack was made. Rept. Supt. U. S. Military Academy, 1896, p. 126 [where it is said that the custom of armed sentinels patrolling the post originated at that time. Sentinels were regularly posted along the officers' row long before this period, as early as 1795]. (A)
- Admission of cadets by competitive examination. Extract from Report of Visitors for 1863. 1 pam., O. (A)
- Mansfield, E. D. The U. S. Military Academy at West Point. Reprinted from the *Amer. Jour. Education* for March, 1863, pp. 17-48. pam., O. (A)
- Poore, B. P., West Point cadet, 1863.
- Annual report on West Point Military Academy, F. Wayland, president, Jan. 5, 1863. *House Ex. Docs.*, No. 21, 37th Cong., 3d sess., vol. 4, 9 pp. (A)
- U. S. Military Academy at West Point. [*Amer. Jour. Education*, March, 1863.] O, pp. 32. (A)
- Opinions of Colonel Thayer and others on the recommendations of the Board of Visitors as to the conditions of admission to the U. S. Military Academy. [New York, 1863.] 3 pp.
- Change in riding uniform and boots. Photo in class album, 1863. (A)
- Coatee collar on cadet uniform not cutaway in front; fastened with hook. Photos in class album, 1863. (A)
- 1863-1867.** French (Rev. J. W.): Grammar: Part of a course on language, prepared for instruction of the U. S. Corps cadets. 2d ed. New York, 1865, 1 vol., O. (Text-book department of geography, history, and ethics, 1863-1867.) *Cadet Registers*, 1863, p. 19, and 1867, p. 24. (A)
- 1863-1875.** Benét (S. V.): A treatise on military law and the practice of courts-martial. New York, 1862, 1 vol., O. (Text-book department of geography, history, and ethics, 1863-1875.) Rept. Supt. U. S. Military Academy, 1896, p. 157; *Cadet Registers*, 1863, p. 17, and 1875, p. 28. (A)
- 1863-1888.** Church (Albert E.) [U. S. Military Academy, 1828]: Pamphlet on trigonometry. (Text-book department of mathematics, 1863-1888.) Rept. Supt. U. S. Military Academy, 1896, pp. 59, 64.
- 1864, January 15.** Under orders from Secretary of War all cadets before going upon furlough must sign certificate that they have not in any way "interfered with, or molested, harassed, or injured new cadets." *Post Orders*, vol. 6, p. 226. (A)
- 1864, April 1.** Act of Congress fixes the annual pay of cadets the same as that of midshipmen; provides that cadets found deficient shall not be continued at the U. S. Military Academy, or reappointed except on recommendation of the academic board. (Repealed Mar. 2, 1865.) (A)
- 1864, May 18.** Competitive examination at West Point, debate in U. S. Senate. New York, 1864, pp. 97-119, O. (A)
- 1864, June 3.** Superintendent refuses leave of absence to any cadet "who does not certify on his honor that he has in no manner or way improperly interfered with or molested, harassed, or injured new cadets" from above date. *Post Orders*, vol. 6, p. 248. (A)
- 1864, July 2.** Joint resolution of Congress respecting the vacations of professors, U. S. Military Academy. (A)
- 1864, September 10.** A salute of 100 guns ordered in honor of brilliant victories in Mobile Bay of U. S. naval and land forces under Admiral Farragut and General Granger. *Post Orders*, vol. 6, p. 274. (A)
- A salute of 100 guns ordered in honor of General Sherman's success at Atlanta. *Post Orders*, vol. 6, p. 274. (A)
- 1864, October 15.** Board appointed to revise the "Regulations for the U. S. Military Academy." *Post Orders*, vol. 6, p. 281. (A)
- 1864, November 23.** Thanksgiving order relating to vicories of Union forces. *Post Orders*, vol. 6, p. 290. (A)
- 1864, December 5.** Chevrons for military merit to be worn by certain cadets (similar to gold-lace service stripes of 1902). *Post Orders*, vol. 6, p. 293. (A)
- 1864, December 19.** Form of certificate required of cadets before being granted furlough—relating to hazing

- and use of intoxicating liquors. Post Orders, vol. 6, p. 296. (A)
- 1864, December 26.** Salute of 36 guns ordered in honor of "General Sherman's Christmas gift to the nation of the city of Savannah." Post Orders, vol. 6, p. 299. (A)
- 1864.** Annual examination; Grant and visit. New York Times (ed.), June 5, 1864, p. 4, col. 5.
- West Point education vindicated. New York Times (ed.), May 26, 1864, p. 4, col. 2.
- Competitive examinations. New York Times (ed.), June 9, 1864, p. 4, col. 5.
- Northrop, B. G. Report to the Massachusetts board of education on the U. S. Military Academy. *In* Twenty-seventh Ann. Rept. Mass. Board of Education, 1864, pp. 90-124. (A)
- General Orders, Adjutant-General's Office, No. 138. Act making appropriations for U. S. Military Academy. (A)
- General Orders, Adjutant-General's Office, No. 231. Privileges allowed professors at U. S. Military Academy of being absent during suspension of academic studies. (A)
- Seymour, T. [U. S. Military Academy, 1846]; Military education; a vindication of West Point and the Regular Army. (Reprint from the Army and Navy Journal, Sept. 24, 1864.) n. p., 1864, 1 vol., O., 7 pp. (A)
- History of West Point . . . by E. C. Boynton. Review [by H. Coppée] *in* N. Amer. Rev., vol. 98 (1864), pp. 530-550. (A)
- J. C. Hurd; Review of Boynton's History of West Point. *In* Atlantic Monthly, vol. 13, p. 258. (A)
- Letter on examination of West Point cadets. Secretary E. M. Stanton, Apr. 3, 1864. House Ex. Doc. No. 64, 38th Cong., 1st sess., vol. 13, 2 pp. (A)
- West Point, N. Y. Battle monument; history of the project to June 15, 1864. Oration of Major-General McClellan, New York, 1864. 12°. (A)
- Admission and qualifications of cadets, discussed in Ch. XV; employment of a cadet's time (p. 274). Boynton's History of West Point, pp. 265-282. (A)
- Number of volumes in library, 20,000. Boynton's History of West Point, p. 295. (A)
- See Chanal (F. V. A. de): The American Army in the War of Seces-
- sion, translated by M. J. O'Brien. Leavenworth, 1894. (Contains an account of U. S. Military Academy.)
- 1864-1866.** During the superintendency of General Cullum medals were annually given to the first five men in every class but the fourth; gold medals to first classmen, silver medals to second classmen, bronze medals to third classmen. The ribbon was red, white, and blue, and the medals were worn with full dress.
- 1864-1868.** See Heath's Memoirs, by himself. (A)
- 1864-1893.** Church (Albert E.) [U. S. Military Academy, 1828]: Elements of descriptive geometry, with applications to spherical, perspective, and isometric projections, and to shades and shadows. New York, 1870. 1 vol., O. (Text-book department of mathematics, 1864-1893.) Cadet Registers 1864, p. 19, and 1893, p. 30. (A)
- 1865, February 21.** Board appointed to examine, report upon, and make detailed plans and estimates for best mode of heating and ventilating public buildings at West Point. Post Orders, vol. 6, p. 311. (A)
- 1865, February 25.** Salute of 36 guns ordered in honor of General Schofield's capture of City of Wilmington. Post Orders, vol. 6, p. 313. (A)
- 1865, March 2.** Act of Congress repeals a provision of the act of Apr. 1, 1864, respecting cadets found deficient. (A)
- 1865, April 4.** Order announcing capture of Richmond, Va., and remitting all punishments awarded cadets at that date. Post Orders, vol. 6, p. 321. (A)
- 1865, April 10.** Salutes of 100 guns from Fort Putnam and 100 guns from Battery Knox ordered in honor of the surrender of Gen. R. E. Lee. Post Orders, vol. 6, p. 322. (A)
- 1865, April 15.** Assassination of President Lincoln announced; all academic and other duties suspended for the day. Post Orders, vol. 6, p. 323. (A)
- 1865, June.** General Sherman visits West Point June 5, General Grant June 8, and General Thomas June 9. Post Orders, vol. 6, pp. 332-3. (A)
- 1865, July 30.** Order announcing the death of Gen. Joseph G. Swift, first graduate of the Military Academy. Post Orders, vol. 6, p. 342. (A)
- 1865.** Graduating class; memorial goblet. N. Y. times, June 4, 1865, p. 8, col. 5.
- Examinations and official visits. N. Y. Times, June 4, 1865, p. 8, col. 5.

1865. Class of 1865; close of proceedings. *N. Y. Times*, June 18, 1865, p. 5, col. 1.

— Board of Visitors' report. *N. Y. Times*, Aug. 1, 1865, p. 1, col. 3.

— Circular on vacancies. *N. Y. Times*, Sept. 27, 1865, p. 5, col. 1.

— In this year (and earlier?) candidates recited to old cadets in the subjects of their entrance examinations before such examinations. Col. S. E. Tillman.

— Propositions and suggestions for the improvement of the U. S. Military Academy by Col. Sylvanus Thayer. *In* Rept. Board of Visitors U. S. Military Academy, 1891, pp. 774-783. (A)

— Cadet laundry organized.

— Train of rubber ponton boats sent to West Point for the instruction of cadets. Army and Navy of the U. S., Sec. VI.

— Postprandial dream of an old-time West Pointer. [Poem.] 17 pp. [n. d. between 1865 and 1880.] 1 pam., O. (A)

— Secretary of War recommends increase in number of cadets. Secretary's Report, p. 42, Nov. 22, 1865.

1865 to — Cadena (Mariano Velazquez) de la: Pronouncing dictionary of the Spanish and English languages, composed from the Spanish dictionaries of the Spanish Academy, Terreros, and Salva, upon the basis of Seoane's edition of Neuman and Baretti, and from the English dictionaries of Webster, Worcester, and Walker. New York, 1857, 1 vol., Q. (*Text-book department of modern languages, 1865 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 141.

1865-1873. Mahan (D. H.) [U. S. Military Academy, 1824]: Outlines of permanent fortifications . . . *See* A treatise on field fortification, containing . . . general outlines . . . of permanent fortifications. New York, 1848, 1 vol., O. (Text-book, department of civil and military engineering, 1865-1873.) Cadet registers, 1865, p. 25, and 1873, p. 28.

1866, February 9. Superintendent awards a gold medal to certain members of first class, a silver medal to second class, and a bronze medal to third class as badges of "eminent attainments" in academic course. *Post Orders*, vol. 6, p. 380. [This practice was continued till 1866. The medals were given to the first five in each class except the fourth.] (A)

1866, June 8. Act of Congress provides that no person who has served in

the army or navy of the Confederate States shall be appointed as a cadet, U. S. Military Academy, or U. S. Naval Academy. (A)

1866, June 16. Joint resolution of Congress: Age of cadets at entrance to be 17-22 years; in the case of ex-soldiers, 17-24 years; cadets to be appointed one year in advance of entrance; entrance requirements increased by requiring English grammar, geography, and history; five candidates may be nominated for each vacancy [repealed Mar. 2, 1867]; there shall be 50 appointments at large. (A)

1866, July 13. Act of Congress provides that the Superintendent U. S. Military Academy may be selected from any arm of the service, and that the inspector U. S. Military Academy shall be any officer selected by the Secretary of War. [From April 7, 1818 to 1866 the Chief of Engineers was *ex-officio* Inspector. General Totten was Inspector 1838-1864.] (A)

1866, July 28. Act of Congress: The Army to consist of . . . and the professors and cadets, U. S. Military Academy; the band, U. S. Military Academy, to have the same status as other army bands. (A)

1866, August 11. Orders relating to wearing chevrons for military and medals for academic merit revoked. *Post Orders*, vol. 7, p. 2. (A)

1866. West Point education and experience of the world. *N. Y. Times* (ed.) Feb. 15, 1866, p. 4, col. 6.

— The hotels, General Scott, and the *Times* correspondence. *N. Y. Times*, June 12, 1866, p. 8, col. 1.

— Class of 1866; closing proceedings. *N. Y. Times*, June 19, 1866, p. 8, col. 1.

— [Regulations for the U. S. Military Academy.] New York, Baldwin & Jones, 1866. xxii, 74 pp., 12°. (A)

— General Orders, Adjutant-General's Office, No. 47. Resolution respecting appointments to the U. S. Military Academy. (A)

— General Orders, Adjutant-General's Office, No. 54. Chief of Engineer Department relieved from duty as inspector of the U. S. Military Academy. (A)

— General Orders, Adjutant-General's Office, No. 56. Band at the U. S. Military Academy to be placed on same footing as other bands. (A)

— General Orders, Adjutant-General's Office, No. 56. No person who has served in any capacity in military service of the Confederate States to re-

- ceive appointment as cadet of the U. S. Military Academy. (A)
- 1866.** General Orders, Adjutant-General's Office, No. 68. Act making appropriations for support of U. S. Military Academy. (A)
- Report. N. Y. Times, Dec. 14, 1866, p. 4, col. 6.
- Inspector-General reports on the Military Academy. Report, Sept., 1867, p. 191.
- Propositions and suggestions for the improvement of the U. S. Military Academy. Rept. Board of Visitors, 1891, Cong. Doc. 2921, pp. 774-783. (A)
- Pantaloon worn by cadets were made very large. Photos in class album, 1866. (A)
- 1866-1875.** Halleck (H. W.): [U. S. Military Academy, 1839.] International law, or rules regulating the intercourse of States in peace and war. New York, 1861, 1 vol., O. (Text-book department of law and history, 1866-1875.) Rept. Supt. U. S. Military Academy, 1896, p. 157. (A)
- 1866-1891.** Holden, E. S.: The U. S. Military Academy at West Point. Reprinted from the Overland Monthly, July, 1891. 1 pam., O., 10 pp. (A)
- 1867, February 28.** Act of Congress: Cadets to be entitled to a ration; fixes the pay of assistant professor of Spanish; provides that no cadet appointed from a State in rebellion shall receive pay till his State is restored to its original relations with the Union. (A)
- 1867, March 2.** Act of Congress repealing sec. 3 of the joint resolution of June 16, 1866. (A)
- 1867, September 24.** Under orders from Secretary of War, cadets of third class to receive instruction in penmanship (not to exceed four weeks) under direction of professor of drawing. Post Orders, vol. 7, p. 81. (A)
- 1867, October 8.** Instruction in military signaling and telegraphy ordered by Secretary of War. Post Orders, vol. 7, p. 84. (A)
- 1867, November 13.** Old-pattern cadet rifles turned in and new pattern issued. Post Orders, vol. 7, p. 92. (A)
- 1867, November 25.** The War Department directs that cadets admitted sign a pledge, on honor, not to molest new cadets. The text is given *in* Army and Navy Jour., Jan. 12, 1901, p. 473. (A)
- 1867.** West Point cadets, 1867. N. Y. Times, May 25, 1867, p. 4, col. 7.
- Board of Visitors, 1867. N. Y. Times, June 3, 1867, p. 5, col. 1.
- 1867.** Annual class day. N. Y. Times, June 15, 1867, p. 8, col. 1.
- Official class list. N. Y. Times, June 16, 1867, p. 8, col. 1.
- Graduating day. N. Y. Times, June 18, 1867, p. 8, col. 1.
- General Orders, Adjutant-General's Office, No. 9. Pay of professors. (A)
- General Orders, Adjutant-General's Office, No. 17. Act making appropriations for support of U. S. Military Academy. (A)
- General Orders, Adjutant-General's Office, No. 17. Section III of joint resolution of Jan. 16, 1866, relative to appointment of cadets to the U. S. Military Academy is repealed. (A)
- Powder magazine built at a cost of \$10,000.
- Steam heating introduced into cadet barracks, etc.
- Report on the Military Academy, Secretary ad interim U. S. Grant, Dec. 4, 1867. House Ex. Doc. No. 13, 40th Cong., 2d sess., vol. 7, 3 pp. (A)
- 1868, January 15.** Regulations U. S. Military Academy relating to hazing. Certificate to be signed by cadets going upon furlough. (A)
- 1868, June 14.** Practice fleet of the U. S. Naval Academy visits West Point. Post Orders, vol. 7, p. 133. (A)
- 1868, June 15.** Gen. U. S. Grant delivers diplomas to graduating class. Naval cadets being present at ceremonies. Both naval and military cadet battalions formed. Post Orders, vol. 7, p. 133. (A)
- 1868, October 21.** Formal dedication of statue erected in memory of the late Maj. Gen. John Sedgwick. Post Orders, vol. 7, p. 159. (A)
- 1868.** General Cullum's register, "Veteran observer" on. N. Y. Times, Mar. 17, 1868, p. 2, col. 1.
- Examinations: programme. N. Y. Times, June 2, 1868, p. 5, col. 4.
- Examinations. N. Y. Times, June 11, 1868, p. 8, col. 2.
- Sedgwick, Maj. Gen. J.: Description of the ceremony of dedication of the statue of Maj. Gen. J. Sedgwick at West Point, N. Y., Oct. 21, 1868. Including the oration of Hon. G. W. Curtis on the occasion. New York: Van Nostrand, 1869. 1 pam., O. 67 pp. (A)
- Report of the inspector of the Military Academy to the Secretary of War for the year 1868. Washington, 1868. 7 pp., O. (A)

1868. Report of General Schriver, inspector, U. S. Military Academy. N. Y. Times, Nov. 18, 1868, p. 5, col. 2.

— General Orders, Adjutant-General's Office, No. 41. Act making appropriations for support of U. S. Military Academy. (A)

— Fourth of July oration, 1868, by Cadet Arthur S. Hardy. pam., O. (A)

— West Shore Railroad, supreme court of New York. U. A. Murdock and W. B. Duncan, etc., v. Hudson River West Shore Railroad Company . . . Amended complaint. 1 pam., O. (1868) (A)

— Adjutant-General's Office, U. S., War Department. Report of a plan for reorganization of the U. S. Military Academy . . . on a basis of competitive appointments to cadetships, etc., 1868, 16 pp. (A)

— General Orders, Adjutant-General's Office, No. 41. Act making appropriations for support of U. S. Military Academy. (A)

— The color-guard U. S. C. C. was 1 sergeant and 7 corporals until 1891 when it was 1 sergeant and 2 privates. F. W. S. (A)

1868-1887. Myer, (Albert J.): A manual of signals for the use of signal officers in the field, and for military and naval students, military schools, etc. New ed. New York, 1866. 1 vol. O. (Text-book department of practical military engineering. 1868-1887.) Cadet Registers, 1868, p. 25, and 1887, p. 31. (A)

1869, March 3. Act of Congress: All bands except that of the U. S. Military Academy to be honorably discharged. (A)

1869, June 14. Gen. W. T. Sherman delivers diplomas to graduating class. Post Orders, vol. 7, p. 200. (A)

1869, June. Rept. Board of Visitors in Cong. Doc. No. 1412, p. 479. Very little hazing among cadets (p. 480); the curriculum (p. 482); logic, physical geography, history, hygiene, etc., should be studied (p. 484); the standard of admission should be raised (p. 486); a department of law is needed (p. 488); high shoes are now worn by cadets in winter (p. 488); the library has 23,000 volumes; signal drill (p. 490); reorganization recommended (p. 491). (A)

1869, August 12. Battalion of cadets moves from usual place of encampment and establishes a camp in the vicinity of Round Pond. Post Orders, vol. 7, p. 210. (A)

1869, August. The corps of cadets marched to a camp in the mountains 4 miles from West Point and encamped there for 8 days. Cong. Doc. No. 1412, p. 474. (A)

1869, September 16. Knapsacks to be worn at S. M. I. until further orders; packed with 1 pair pants, 2 shirts, 2 drawers, 2 pair socks; overcoat rolled and strapped on top. Order Book (60-70), U. S. C. C. (A)

1869, September 24. Cadet laundry destroyed by fire Sept. 23, 1869. Post orders, vol. 7, p. 220. (A)

1869. Examinations. N. Y. Times, 1869, June 3, p. 5, col. 2; June 4, p. 8, col. 1.

— Order of merit of class. N. Y. Times, June 17, 1869, p. 1, col. 4.

— Cadets; General Sherman's order assigning to duty. N. Y. Times, June 29, 1869, p. 5, col. 1.

— Board of Visitors' recommendations. N. Y. Times, Aug. 5, 1869, p. 1, col. 4.

— Board of Visitors' report. N. Y. Times, Aug. 6, 1869, p. 4, col. 3.

— Last examinations; Visitors' report. N. Y. Times, Aug. 6, 1869, p. 1, col. 3.

— Report of the Inspector of the Military Academy to the Secretary of War. [1869 and 1870 bound with report of Board of Visitors]. Also in Report of Secretary of War. (A)

— General Orders, Adjutant-General's Office, No. 12. The U. S. Military Academy excepted from supervision or command of department commander. (A)

— General Orders, Adjutant-General's Office, No. 24. Act making appropriations for support of U. S. Military Academy. (A)

— General Orders, Adjutant-General's Office, No. 27. Fixes number of enlisted men of ordnance allowed at U. S. Military Academy. (A)

— Addresses to the graduating class by Gen. W. T. Sherman. pam. O. (A)

— Keep (R. P.) The system of instruction at West Point; can it be employed in our colleges? In The New Englander, January, 1869, pp. 1-18. (P)

— Forage caps worn by cadets lower than formerly. Photo. in class album, 1869. (A)

— Change in cadets' full-dress hat. Photo in class album, 1869. (A)

1870, February 21. Act of Congress: The Board of Visitors to consist of two Senators, three Representatives, and

- other members as now provided by law; their report to be made within twenty days after the meeting of Congress next succeeding their appointment. (A)
- 1870, March 13.** Cadet guard house partially destroyed by fire between 2 and 4 a. m. Post orders, vol. 7, p. 258. (A)
- 1870, June.** Report of Board of Visitors *in Cong. Doc.* No. 1446, p. 305. Written examinations in history, etc., at entrance held for the first time (p. 299); laboratory methods recommended (p. 305); lectures by persons not connected with the institution have been given (p. 306); entrance requirements should be increased (p. 306); hazing has almost disappeared (p. 307); there is room for improvement in the cadet mess (p. 310). (A)
- 1870, July 15.** Act of Congress fixing the rank and pay and retirement of professors, U. S. Military Academy; the Secretary of War directed so to arrange the course that cadets need not study on Sunday. (A)
- 1870.** Cadetships; barter and sale of. *N. Y. Times* (ed.), Feb. 8, 1870, p. 4, col. 2.
- West Point and Annapolis—Mr. Spencer's proposition. *N. Y. Times* (ed.), Feb. 25, 1870, p. 4, col. 5.
- Colored appointee. *N. Y. Times*, May 28, 1870, p. 8, col. 1.
- Graduates' reunion in June. *N. Y. Times*, May 30, 1870, p. 1, col. 5.
- Examinations. *N. Y. Times*, June 15, 1870, p. 5, col. 5.
- Smith (colored cadet); report on. *N. Y. Times*, July 15, 1870, p. 5, col. 3.
- Case (colored cadet); report on. *N. Y. Times*, Aug. 13, 1870, p. 5, col. 1.
- Colored cadet trial. *N. Y. Times*, 1870, Oct. 21; Oct. 22, p. 1, col. 6.
- Improvements. *N. Y. Times*, Nov. 4, 1870, p. 11, col. 4.
- Colored cadet; decision of Superintendent. *N. Y. Times*, Nov. 16, 1870, p. 1, col. 4.
- Register of cadets admitted into the U. S. Military Academy . . . From its origin to June 30, 1870. Compiled by Bvt. Maj. E. C. Boynton, adjutant . . . Washington, Government Printing Office, 1870. 1 pam., bound, O. 57 pp. (A)
- Administration building erected at a cost of \$40,000. (A)
- General Orders, Adjutant-General's Office, No. 45. Act making appropriations for support of U. S. Military Academy. (A)
- 1870.** General Orders, Adjutant-General's Office, No. 92. Students at the U. S. Military Academy not to be required to pursue their studies on Sunday. (A)
- General Orders, Adjutant-General's Office, No. 92. Regulates pay of professors at the U. S. Military Academy. (A)
- Dress hat ornament and pompon changed. Camp photos in class album, 1870. (A)
- Sword worn by cadets fastened to belt. Photo in class album, 1870. (A)
- 1870-1875.** See Michie (P. S.); Life and Letters of General Upton. (A)
- 1870-1882.** Mahan (D. H.) [*U. S. Military Academy, 1824*]; Industrial drawing: Comprising the description and uses of drawing instruments, the construction of plane figures, the projections and sections of geometrical solids, architectural elements, mechanism and topographical drawing, with remarks on the method of teaching the subject. New York, 1852, 1 vol., O. (Text-book department of civil and military engineering, 1870-1882.) Rept. Supt. U. S. Military Academy, 1896, p. 132. (A)
- 1870-1887 and 1888-1896.** Table of the daily cost of subsisting a cadet in barracks or in hospital given: Maximum cost, 1873-74, \$0.74; minimum cost, 1878-79, \$0.50. The corresponding table for 1888-1896 given. Rept. Supt. U. S. Military Academy, 1896, pp. 189-90. (A)
- 1870-1902.** See the annual reports of the Assoc. of Grads. U. S. Military Academy, 1870 to date, *passim*, for items relating to the history of the U. S. Military Academy. (A)
- 1871, February 5.** Entire roof and fourth story of the cadet barracks destroyed by fire at 2.20 a. m. Thermometer stood 4° below 0° F. Fire originated in the dialectic hall. Post Orders, vol. 7, p. 324. (A)
- 1871, February 7.** House Rept. No. 28, 41st Cong., 3d sess. Expulsion of cadets from Military Academy. (A)
- 1871, February 10.** Order announcing death of Prof. Hyacinth R. Aguel, for thirty-one years professor of French. Post Orders, vol. 7, p. 327. (A)
- 1871, February 14, to 1901, February 16.** The head of department of natural and experimental philosophy was P. S. Michie during this period. A definite programme for the course was adopted Apr. 6, 1872. Michie's Wave-Motion adopted as a text-book in 1882, and Michie's Mechanics 1886-87; Young's Astronomy in 1889; Mi-

- chie and Harlow's Astronomy in 1891. Practical instruction in astronomy is given during the first class camp. Report Supt. U. S. Military Academy, 1896, pp. 18-19. (A)
- 1871, March 8.** Professor Bartlett retires and Capt. Peter S. Michie, Corps of Engineers, succeeds him as professor of natural and experimental philosophy. Post Orders, vol. 7, p. 335. (A)
- 1871, April 28.** Prof. G. L. Andrews reports and is assigned to duty as professor of French. Post Orders, vol. 7, p. 346. (A)
- 1871, May 25.** Spanish naval practice fleet visits West Point. Post Orders, vol. 7, p. 353. (A)
- 1871, June 12.** Diplomas delivered to graduating class by Major-General Meade. Post Orders, vol. 7, p. 356. (A)
- 1871, July 9.** Order announcing death of Rev. John W. French, D. D., chaplain and professor of ethics at the Military Academy. Post Orders, vol. 7, p. 363. (A)
- 1871, July.** Rept. Board of Visitors in Cong. Doc. No. 1503, p. 435. (A)
- 1871, August 31.** Prof. John Forsyth, D. D., appointed professor of ethics and law. Post Orders, vol. 7, p. 376. (A)
- 1871, September 19.** Order announcing death of Prof. Dennis H. Mahan. Post Orders, vol. 7, p. 386. (A)
- 1871, October 12.** Prof. Junius B. Wheeler assigned to duty as professor of engineering. Post Orders, vol. 7, p. 395. (A)
- 1871, October 28.** New headquarters building occupied by the Superintendent and military staff. Post Orders, vol. 7, p. 401. (A)
- 1871.** Colored cadet trial. N. Y. Times (ed.), Jan. 13, 1871, p. 4, col. 4.
- West Point difficulty. N. Y. Times, Feb. 11, 1871, p. 4, col. 3.
- Graduating class, Secretary Belknap's order. N. Y. Times, June 6, 1871, p. 5, col. 2.
- Grant (Fred.), plebs, etc. N. Y. Times, June 7, 1871, p. 5, col. 5.
- Presentation of diplomas, speeches, etc. N. Y. Times, June 13, 1871, p. 1, col. 2.
- French tactics; effect on cadets. N. Y. Times, June 14, 1871, p. 4, col. 7.
- Smith (cadet), sentence of. N. Y. Times, June 15, 1871, p. 1, col. 4.
- Board of Visitors' report. N. Y. Times, July 4, 1871, p. 1, col. 5.
- "Plebs" experience at West Point. N. Y. Times, July 10, 1871, p. 2, col. 5.
- 1871.** The discipline is not so strict as in former years; reasons why. Rept. Board of Visitors, 1871, p. 441. (A)
- M.: West Point and its wants. In The Nation, Mar. 2, 1871, pp. 142-143. (A)
- Report on fire at the Military Academy. Secretary W. W. Belknap, Feb. 13, 1871. House Ex. Doc., No. 127, 41st Cong., 3d sess., vol. 12, 5 pp. (A)
- Letters on repair of West Point Barracks. Secretary W. W. Belknap, Feb. 6, 1871. House Ex. Doc. Nos. 100, 101, 41st Cong., 3d sess., vol. 10, 2 pp. (A)
- Report on case of West Point cadets. Representative Asper, Feb. 7, 1871. House Rept. No. 28, 41st Cong., 3d sess., vol. 1, 64 pp. (A)
- Letter on Japanese at West Point. Secretary Hamilton Fish, Apr. 3, 1871. House Ex. Doc. No. 17, 42d Cong., 1st sess., vol. 2, 1 p. (A)
- General Orders, Adjutant-General's Office, No. 16. Act making appropriations for support of U. S. Military Academy. (A)
- General Orders, Adjutant-General's Office, No. 44. Ten thousand dollars appropriated to repair damages caused by fire at the U. S. Military Academy. (A)
- Anonymous: The West Point troubles. In The Nation, Feb. 9, 1871, pp. 84-85. (A)
- B.: West Point. In The Nation, Feb. 16, 1871. (A)
- Table showing the number of candidates rejected 1867-1871 (p. 428); hazing (p. 429); the Superintendent should have power to order courts-martial (p. 429). Rept. Supt. U. S. Military Academy. In Cong. Doc. No. 1503, pp. 425-431. (A)
- Expulsion of West Point cadets. Speech of B. F. Butler . . . in the House of Representatives, Feb. 14, 1871. 1 pamph., O. 8 pp. (A)
- Expulsion of cadets from the U. S. Military Academy. (41st Cong., 3d sess., House Rept. No. 28.) Washington, 1871, 1 vol., O. 64 pp. (Bound in volume with other military pamphlets.) (A)
- The Superintendent recommends to the War Department the abolition of pledges against hazing. Army and Navy Jour., Jan. 12, 1901, p. 473. (A)
- Change in cadet dress hat and ornament. Photograph of lieutenant in full dress, also camp scene in class album for 1871. (A)

- 1871.** Sword with black scabbard adopted and dress hat and ornament worn by cadets changed. Photo of adjutant in class album, 1871. (A)
- 1871-1875.** Plume on dress hat changed. Photo of Wheeler in class album, 1875. (A)
- 1871-1891.** Upton (Maj. Gen. Emory) [U. S. Military Academy, 1861]: (By authority.) Infantry tactics double and single rank, adapted to American topography and improved firearms. New York, 1880, 1 vol., O. (Text-book department of tactics, 1871-1891.) Cadet registers, 1871, p. 21, and 1891, p. 31. (A)
- 1872, March 30.** Police regulations of post of West Point. Post orders. Vol. 8, p. 33. (A)
- 1872, May 23.** Act of Congress to reimburse cadets for losses by fire in their barracks. (A)
- 1872, November 8.** Professors Michie and Kendrick ordered to visit various colleges and universities in the United States and to report result of observations made. Post orders. Vol. 8, p. 125. (A)
- 1872.** The "World's" slander on West Point Military Academy contradicted. *N. Y. Times* (ed.), Jan. 23, 1872, p. 2, col. 5.
- Low standard of its educational system. *N. Y. Times* (ed.), July 19, 1872, p. 4, col. 5.
- Board of Visitors recommended change of system. *N. Y. Times* (ed.), Dec. 29, 1872, p. 4, col. 5.
- General Orders, Adjutant-General's Office, No. 38. Act making appropriations for support of U. S. Military Academy. (A)
- General Orders, Adjutant-General's Office, No. 107. Uniform of band of U. S. Military Academy to be same as now worn. (A)
- Register of cadets admitted to the U. S. Military Academy from its earliest establishment to Dec. 31, 1872. Washington, 1872. 59 pp., 12°.
- Lossing, B. J.: *Scribner's Magazine*, July, 1872. (A)
- The practice of exacting pledges from cadets has been discontinued, 1870-1872; eight hours of sleep for cadets is necessary; criticism of the methods of instruction. Rept. Board of Visitors, 1872. (A)
- Light-house at Gee's point built.
- Band barracks built. (It stands on the site of the old band barracks built 1828.)
- 1872.** Report on Military and Naval Academies. Secretary W. W. Belknap. Apr. 27, 1872. House Ex. Docs., No. 280, 42d Cong., 2d sess., vol. 13, 1 p. (A)
- Letter on pay of professors of the Military Academy, Apr. 17, 1872. House Ex. Docs., No. 266, 42d Cong., 2d sess., vol. 12, 4 pp. (A)
- Annual report of the Board of Visitors of the Military Academy, Dec. 9, 1872. House Mis. Docs., No. 14, 42d Cong., 3d sess., vol. 1, 14 pp. (A)
- Holden, E. S.: *The U. S. Military Academy. Suggestions made at the request of Professor Michie.* MS., 1872, 14 pp., Q. (A)
- 1872 to —.** Borel (Eugene): *Grammaire Française à l'usage des Anglais.* Stuttgart, 1867, 1 vol., O. (Text-book department of modern languages, 1872 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 139. (A)
- Böcher (Ferdinand): *College series of French plays, with English notes.* 5th ed. New York, 1864, 1 vol., O. (Text-book department of modern languages, 1872 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 139. (A)
- 1872-1878.** Otto (Dr. Emil): *French conversation grammar. A new and practical method of learning the French language . . .* Revised by Dr. Charles Bonnier. 12th ed. New York, 1900, 1 vol., O. (Text-book department of modern languages, 1872-1878.) Rept. Supt. U. S. Military Academy, 1896, p. 139. (A)
- 1872-1881.** Reynal (Ch.): *The French verb; containing the theory and model conjugations of all the French verbs.* New York, 1870, 1 vol., O. (Text-book department of modern languages, 1872-1881.) Rept. Supt. U. S. Military Academy, 1896, p. 139. (A)
- Bocher (F.): *Progressive French reader, with vocabulary and notes.* (Text-book department of modern languages, 1872-1881.) Rept. Supt. U. S. Military Academy, 1896, p. 138.
- 1872-1882.** Dana (James D.): *Text-book of geology.* Philadelphia, 1864, 1 vol., O. (Text-book department of chemistry, 1872-1882.) Rept. Supt. U. S. Military Academy, 1896, p. 104. (A)
- 1873, February 28.** Act of Congress fixes the rank and pay of professors U. S. Military Academy; appropriates \$10,000 for remodeling Battery Knox. (A)
- Battalion of cadets ordered to Washington to take part in ceremony

- of inauguration of President U. S. Grant. Post Orders, vol. 8, p. 168. (A)
- 1873, March 3.** Act of Congress authorizes the Superintendent to convene general courts-martial to try cadets and to execute their sentences except of suspension and dismissal. (A)
- 1873, March 4.** The corps of cadets at General Grant's inauguration. Perley's Reminiscences, vol. 2, p. 294. (A)
- 1873, June 13.** President Grant delivers diplomas to graduating class of 1873. Post Orders, vol. 8, p. 206. (A)
- 1873.** Visitors appointed by Vice-President Wilson. N. Y. Times, Mar. 25, 1873, p. 1, col. 2.
- Board of Visitors appointed. N. Y. Times, May 21, 1873, p. 7, col. 1.
- Graduating class. N. Y. Times, May 30, 1873, p. 8, col. 2.
- Examinations. N. Y. Times, June 3, 1873, p. 5, col. 1.
- Plebs' examinations. N. Y. Times, June 6, 1873, p. 5, col. 1.
- Hazing. N. Y. Times, June 7, 1873, p. 8, col. 3.
- Professor David's speech. N. Y. Times, June 13, 1873, p. 5, col. 2.
- Addresses. N. Y. Times, June 14, 1873, p. 5, col. 3.
- Alumni of (Federal and Confederate), at St. Louis. N. Y. Times, June 27, 1873, p. 1, col. 5.
- Cadets rejected after examinations. N. Y. Times (ed.), June 30, 1873, p. 4, col. 2.
- Cadets rejected after examinations. N. Y. Times, June 30, 1873, p. 4, col. 7.
- Board of Visitors' report. N. Y. Times, Aug. 23, 1873, p. 2, col. 4.
- Catalogue of the library, U. S. Military Academy, West Point, N. Y., 1873. Librarian, Bvt. Lieut. Col. Robt. H. Hall, captain, Tenth Infantry. Newburgh, N. Y., Chas. Jannicky, steam book and job printer, 1876. 1 vol., O., viii, 723 pp. [Pages iii-viii, analytical table of classification; no alphabetical index.] (A)
- General Orders, Adjutant-General's Office, No. 27. Act making appropriations for support of U. S. Military Academy. (A)
- General Orders, Adjutant-General's Office, No. 42. Superintendent of U. S. Military Academy may convene courts-martial for trial of cadets. (A)
- Addresses to the graduating class. pam. O, 1873, by W. W. Belknap. (A)
- Regulations, 1 vol., O. (A)
- 1873-1877.** Flipper (H. O.) [U. S. Military Academy, 1877]: The colored cadet at West Point. New York, 1878, 1 vol., O. Portrait of the author. (A)
- 1873-1878.** Dufour (Gen. G. H.): . . . Strategy and tactics. Translated from the latest French edition by William P. Craighill. New York, 1864, 1 vol., O. (Text-book department of civil and military engineering, 1873-1878.) Cadet Registers, 1873, p. 28, and 1878, p. 34. (A)
- 1873-1881.** Catalogue of the Library—[Catalogue to 1881.] 1 vol., O. Consists of catalogue of 1873, published in 1876, and supplement published in 1882, without a common title, but with one pagination [viii, 723, viii pp., pp. 725-1027; pp. 913-1027: Alphabetical index to the whole catalogue.] (A)
- 1873-1886.** Comparison of the results of competitive and of direct examination for candidates; statistics of school preparation of candidates (pp. 779-785); civil occupations of graduates (p. 786); proposed addition to academic building—view (p. 795). Rept. Board of Visitors, 1886, pp. 771-772. (A)
- 1873-1891.** Comparison of the records of cadets appointed (a) directly; (b) by competitive examination. Summary: Sixty per cent of those appointed after competition graduated, and 42 per cent of those appointed directly. Rept. Board of Visitors, 1891, p. 784. (A)
- 1874, January 2.** Revised edition of academic regulations issued. Post Orders, vol. 8, p. 287. (A)
- 1874, April 23.** New police regulations for post of West Point issued. Post Orders, vol. 8, p. 318. (A)
- 1874, June 6.** Act of Congress creates the Professorship of Law. (A)
- 1874, August 20.** Existing orders U. S. C. C. (blue book). 1 vol., O. (A)
- 1874, December 28.** Cadet commissary store established in new brick building southwest of cadet barracks. Post Orders, vol. 8, p. 409. (A)
- 1874.** Examinations (result of). N. Y. Times, Jan. 22, 1874, p. 3, col. 5.
- Graduates. N. Y. Times, May 24, 1874, p. 2, col. 2.
- Board of visitors—complete list. N. Y. Times, May 30, 1874, p. 1, col. 2.
- Examinations. N. Y. Times, June 3, 11, 1874.
- Alumni meeting. N. Y. Times, June 12, 1874, p. 5, col. 1.
- Examinations—last day. N. Y. Times, June 18, 1874, p. 5, col. 5.
- Vacancies. N. Y. Times, July 8, 1874, p. 1, col. 3.

1874. Pall Mall Gazette on Colonel Fletcher's report, etc. *N. Y. Times*, July 13, 1874, p. 8, col. 5.
- Cadets appointed for August. *N. Y. Times*, Sept. 12, 1874, p. 5, col. 2.
- Comte de Paris on West Point Military Academy. *N. Y. Times* (ed.), Nov. 24, 1874, p. 4, col. 5.
- Board of visitors, report. *N. Y. Times*, Dec. 3, 1874, p. 4, col. 6.
- Office of treasurer built (a wing added, 1891).
- Davies, C., Prof.: Address before the association of the graduates of the U. S. Military Academy, annual reunion, June 11, 1874 . . . embracing a brief history of the Military Academy . . . New York and Chicago. 1874. 1 pam., O., 32 pp. (A)
- Anonymous = S. Newcomb?: Observatories in the United States. III. West Point observatory. *In Harper's Magazine*, March, 1874, pp. 539-541. (P)
- West Point memoranda. 1 pam., O., 8 pp. (1874). (A)
- The Weekly Spy Glass, A. L. Wagner [U. S. Military Academy, 1875], editor and proprietor. For a reprint see U. S. Military Academy Class of 1875, Reunion, 1900, p. 102.
- Letter relating to West Point Military Academy. Secretary W. W. Belknap, Apr. 14, 1874. House Ex. Docs. No. 224, 43d Cong., 1st sess., vol. 16, 2 pp. (A)
- Report on the Military Academy band. Representative Young, May 23, 1874. House Repts., No. 606, 43d Cong., 1st sess., vol. 3, 1 p. (A)
- General Orders, Adjutant-General's Office, No. 63. Act making appropriations for support of U. S. Military Academy. (A)
- Wood, Oliver E., lieutenant, U. S. Army: The West Point Scrap Book; a collection of stories, songs, and legends of the U. S. Military Academy with original ill. . . . 2d ed. New York, Van Nostrand, 1874. 1 vol., O. (A)
- Addresses to the graduating class, pam., O., 1874, by Francis Wayland. (A)
- Assistant judge-advocate assigned as professor of military law. Chair of English literature and rhetoric required. Rept. Sec. War, vol. 1, pt. 1, p. xxvi. (A)
- 1874-1883. Vingut (F. J.): A guide to Spanish and English conversation . . . by Emanuel del Mar, revised by F. J. Vingut, who has added a treatise on Spanish pronunciation and orthography. New York, 1854. 1 vol., O. (Text-book department of modern languages, 1874-1883.) Rept. Supt. U. S. Military Academy, 1896, p. 141. (A)
- 1874-1883. Mahan (D. H.) [U. S. Military Academy, 1824]: Elementary course of permanent fortifications, revised by J. B. Wheeler. (Text-book department of civil and military engineering, 1874-1883.) Cadet Registers, 1874, p. 29, and 1883, p. 31.
- 1874-1901. Ernst (Capt. O. H.) [U. S. Military Academy, 1864]: A manual of practical military engineering. New York, 1873. 1 vol., O. (Text-book department of practical military engineering, 1874-1901.) Rept. Supt. U. S. Military Academy, 1896, p. 173; Cadet Registers, 1874, p. 29, and 1901, p. 32. (A)
- 1874-1902. Résumé of existing orders, U. S. corps of cadets. New York, 1874. 1 vol., O., pp. 44. General orders, U. S. corps of cadets. New York, 1880. 1 vol., O., pp. 57, with addendum, 1881, pp. 10, and addendum, 1882, pp. 3, and police regulations for the post of West Point, 1882, pp. 4. Orders for the U. S. corps of cadets, 1884. n. p. 1 vol., O., pp. 78, with appendix, 1886, pp. 17, and appendix No. 2, 1887, p. 1. Orders, U. S. corps of cadets, May 1, 1894. n. p. 1 vol., O., pp. 90. Orders, U. S. corps of cadets, 1899. n. p. 1 vol., O., pp. 78. Regulations for the interior discipline and police of the U. S. corps of cadets by the commandant of cadets. West Point, 1902. 1 vol., O., pp. 77. (A)
- 1875, February 23. Cadet limits defined. Post Orders, vol. 8, p. 429. (A)
- 1875, March 3. Act of Congress: The U. S. Military Academy band to consist of 1 teacher of music and 40 enlisted musicians; Mar. 3, 1877, 1 teacher and 24 enlisted men. (A)
- Act of Congress authorizes the President of the United States to fill vacancies occurring at U. S. Military Academy by death "of any person appointed by him;" fixes the pay of assistant instructors of tactics. (A)
- 1875, June 7. General Order publishing act of legislature of State of New York relating to purchase by the United States of certain lands at West Point and ceding jurisdiction. Post Orders, vol. 8, p. 468. (A)
- 1875, October 21. Capt. Thomas H. Handbury, Corps of Engineers, placed in charge of construction of the system of sewers for the Post of West Point. Post Orders, vol. 9, p. 47. (A)
- 1875, November 15. Cadets attending drawing ordered to wear their riding jackets. Post Orders, vol. 9, p. 58. (A)

- 1875, November 26.** Ponton boats to be shipped from Willets Point to West Point. Post Orders, vol. 9, p. 63. (A)
- 1875.** Board of Visitors appointed. N. Y. Times, Mar. 9, 1875, p. 1, col. 4.
- Board of Visitors appointed by President Grant. N. Y. Times, May 11, 1875, p. 12, col. 4.
- June examinations—standing of cadets. N. Y. Times, May 26, 1875, p. 7, col. 4.
- Vassar College students' visit to West Point. N. Y. Times, May 28, 1875, p. 5, col. 4.
- Dull season. N. Y. Times, June 4, 1875, p. 1, col. 6.
- Examinations. N. Y. Times, June 15, 1875, p. 6, col. 7.
- Graduating class. N. Y. Times, June 17, 1875, p. 2, col. 1.
- Graduates—Latest assignments of. N. Y. Times, June 28, 1875, p. 4, col. 7.
- Cadets appointed to supply failures. N. Y. Times, July 29, 1875, p. 5, col. 3.
- Cadetships: Congressmen notified to make nominations for. N. Y. Times, June 30, 1875, p. 5, col. 2.
- General Orders, Adjutant-General's Office, No. 30. Act making appropriations for support of U. S. Military Academy for year ending June 30, 1876. (A)
- Address to the graduating class, 1875, by Gen. W. W. Belknap. 1 v., O. (A)
- Address to the graduating class, 1875, by Daniel C. Gilman. 1 v., O. (A)
- Bixby (W. H.): Reunion of the class of 1873. New York, 1875. 1 vol., O., pp. 28. (A)
- More time should be given to civil engineering. Improved sewerage at West Point needed. Ex. Doc., vol. 1, 1875-76, p. 351.
- Cartridge box used by cadets. Camp scene in class album, 1875. (A)
- Riding uniform for cadets adopted. Camp scene, class album, 1875. (A)
- Dress hat and ornament (cadets) changed. Camp scene in class album, 1875. (A)
- 1875-1878.** Pomeroy (J. N.): Introduction to the constitutional law of the United States. n. p., 1868. 1 vol., O. (Text-book department of law, 1875-1878.) Rept. Supt. U. S. Military Academy, 1896, p. 157. (A)
- Gardiner (Asa Bird): Practical forms for use in courts-martial and head notes on the law of evidence in courts-martial, etc. (Text-book department of law, 1875-1878.) Rept. Supt. U. S. Military Academy, 1875-1878; Cadet Register, 1878, p. 34.
- 1875-1891.** Woolsey (Theodore D.): Introduction to the study of international law. 2d ed. New York, 1864. 1 vol., O. (Text-book department of law, 1875-1891.) Rept. Supt. U. S. Military Academy, 1896, p. 157; Cadet Register, 1891, p. 31. (A)
- 1875-1900.** U. S. Military Academy, class of 1875, reunion, 1900. Ill. Boston, 1902. 1 vol., O. Portraits of all surviving members of the class save two. (A)
- 1876, January 24.** Members of graduating classes forbidden to transfer their text-books to other cadets without authority of the Superintendent. Post orders, vol. 9, p. 87. (A)
- 1876, March 28.** General Sherman writes to General Schofield asking him to accept the superintendency of the U. S. Military Academy under no supervision except that of the General Commanding. MS. A. G. O., O. M. A.
- 1876, March 29.** General Schofield accepts. (Superintendency U. S. Military Academy.) MS. A. G. O., O. M. A.
- 1876, June 26.** General Orders No. 50, headquarters U. S. Army. General Schofield will relieve Colonel Ruger as Superintendent, Sept. 1, 1876. MS. A. G. O., O. M. A.
- Corps of Cadets with Military Academy Band ordered to proceed to Philadelphia on the 27th instant and encamp on the Centennial Exhibition grounds. Post Orders, vol. 9, p. 147. (A)
- 1876, August 7.** Act of Congress directs the Secretary of War to detail an officer to act as quartermaster and commissary "of the battalion of cadets;" and that all supplies be furnished cadets at cost. (A)
- 1876, August 24.** First Lieut. Charles W. Larned, Seventh Cavalry, appointed professor of drawing. Post Orders, vol. 9, p. 165. (A)
- 1876, September 13.** Hour for reveille changed from 5.30 to 6 a. m. and time allowed for meals stated. Post Orders, vol. 9, p. 178. (A)
- 1876, September 27.** Act of the legislature of the State of New York relinquishing title and jurisdiction to the United States over certain lands covered with water at West Point. Post Orders, vol. 9, p. 189. (A)
- 1876, October, 3.** Amendments to academic regulations. Post Orders, vol. 9, p. 195. (A)

- 1876, October 12.** General Schofield writes to General Sherman suggesting that West Point should be constituted a separate department. MS. A. G. O., O. M. A.
- 1876, December 18.** General Sherman writes to the Secretary of War: The supervision of the Military Academy by the War Department has proved to be worse than no supervision at all. . . . New regulations are required. MS. A. G. O., O. M. A.
- 1876.** Thoroughness of work at West Point. N. Y. Times (ed.), June 12, 1876, p. 6, col. 2.
- Addresses to the graduating class, 1876, by Gen. C. Devens and Gen. W. T. Sherman. 1 v., O.
- (Hall, Lieut. Col. Robt. H.): List of cadets admitted to the U. S. Military Academy till Sept. 30, 1876; with tables exhibiting the results of the examinations, and the corps to which the graduates have been promoted. Washington, Government Printing Office, 1876. 1 v., O. (A)
- Discipline; revision of the course is necessary; recommendations. Rept. Board of Visitors. (A)
- The corps of cadets visited the Centennial Exhibition in Philadelphia, remaining about a week. Rept. Supt. U. S. Military Academy, 1896, p. 126. (A)
- Lossing, B. J.: The romance of the Hudson (third paper). [Newburgh, New Windsor, West Point, Albany, the Revolution, etc.] III. In Harper's Magazine, June, 1876, pp. 33-42. (A)
- Paper relating to the West Point Military Academy. Mar. 7, 1876. House Mis. Docs., No. 125, 44th Cong., 1st sess., vol. 5, 5 pp. (A)
- General Orders, Adjutant General's Office, No. 83. Act making appropriations for support of U. S. Military Academy. (A)
- 1876-1880.** See Memorial of Capt. Sidney E. Stuart. (A)
- Table giving the statistics of cadets declared deficient and dismissed, with the subsequent action in each case. Rept. Board of Visitors, 1880, pp. 548-559. (A)
- 1876-1889.** 1876, 4½-inch gun burst at one hundred and sixty-second round; 1881, 30-pounder Parrott gun burst at two hundred and twenty-second round; 1889, 30-pounder Parrott gun burst at three hundred and twenty-second round. No cadets were injured. A new battery of old 4½-inch Parrott guns furnished in 1889, but not fired at drills. Rept. Supt. U. S. Military Academy, 1890, p. 223. (A)
- 1877, January 2.** Secretary of War writes to General Schofield: Thinks the General of the Army should be ex officio inspector of the Academy. MS. A. G. O., O. M. A.
- 1877, February 2.** Rules relating to serving punishments. Post Orders, vol. 9, p. 250. (A)
- 1877.** General Orders, Adjutant-General's Office, No. 17. Act to supply deficiencies in appropriations for support of U. S. Military Academy. (A)
- General Orders, Adjutant-General's Office, No. 20. The Military Academy band to consist of one teacher of music and 24 enlisted musicians; act making appropriations for support of U. S. Military Academy for fiscal year ending June 30, 1878. (A)
- General Orders, Adjutant-General's Office, No. 84. Directs that the value be given the subject of English in forming the general merit roll of the first and fourth class in the Military Academy be represented by the number fifty. (A)
- Regulations. Washington, 1877. 1 vol., O. (A)
- The U. S. Military Academy and the post of West Point to constitute a separate department; the general in chief to supervise the Academy and to report to the Secretary of War. General Orders, No. 15, series of 1877. (A)
- 1877-1883.** [Offenses of each class—first to seventh—specified with number of demerit attached to each.] n. p., n. d. 1 vol., Q. (A)
- 1877-1893.** Abbott (E. A.), and Seeley (J. B.): English Lessons for English People. Boston, 1876. 1 vol., O. (Text-book department of geography, history, and ethics, 1877-78, and department of modern languages 1878-1893.) Rept. Supt. U. S. Military Academy, 1896, p. 142; Cadet Register, 1893, p. 30. (A)
- Hart (John S.): A manual of composition and rhetoric. (Philadelphia, 1871. 1 vol., O. (Text-book department of geography, history, and ethics, 1877-78, and department of modern languages 1878-1893.) Rept. Supt. U. S. Military Academy, 1896, p. 144. (A)
- 1878, April 17, to 1898, October 7.** E. W. Bass was professor of mathematics during this period. Some changes were made in the course in 1879; Chauvenet's Least Squares used as a text-book; Determinants studied in 1880; Bass's Calculus introduced, 1887; Ludlow's Trigonometry, 1888; Johnson's Least Squares, 1891. The chair of associate professor of mathematics was created (1893) and Lieut. W. P. Edger-

- ton appointed. Rept. Supt. U. S. Military Academy, 1896, pp. 61-64. (A)
- 1878, June 11.** Act of Congress prescribing the method of filling vacancies in the grade of second lieutenant in the Army; forbidding the assignment of officers as supernumerary; reducing the appointments at large to ten. (A)
- 1878, December 21.** Act of Congress to authorize 20 bronze guns to be used toward the erection of a monument to Gen. G. A. Custer at West Point. (A)
- 1878.** "Times" correspondence. N. Y. Times, July 7, 1878, p. 1, col. 4.
- The utility of boards of visitors to U. S. Military Academy demonstrated. Rept. Board of Visitors, 1878, pp. 450-455. (A)
- There is at least one public institution in the United States of which it can be truly affirmed that the more it is investigated the better it appears. Rept. Board of Visitors, 1878 p. 455. (A)
- Farrow, Edward S.: West Point; or, information for those about to enter the Academy . . . New York, 1878. 1 vol., O. (A)
- Flipper, H. O.: The colored cadet at West Point. Autobiography . . . New York, 1878. 1 vol., O. (A)
- C. F. Richardson and H. A. Clark: The College Book. Boston, 1878, 1 vol., Q. [P. 210, a chapter on U. S. Military Academy.] (A)
- Whittaker, F.: Cadet button . . . New York, 1878. 1 vol., O. (A)
- Letter on the appointment of cadets. Atty. Gen. C. Devens, Mar. 27, 1878. House Ex. No. 70, 45th Cong., 2d sess., vol. 14, 2 pp. (A)
- General Orders, Adjutant-General's Office, No. 11. Adoption of English Lessons for English People, by Rev. Edwin A. Abbott and J. R. Seeley, edition of 1876, as a text-book in department of history, geography, and ethics, U. S. Military Academy. (A)
- General Orders, Adjutant-General's Office, No. 36. Relates to the Spanish language and English studies in U. S. Military Academy. (A)
- General Orders, Adjutant-General's Office, No. 39. Act making appropriations for support of U. S. Military Academy. (A)
- General Orders, Adjutant-General's Office, No. 46. Keetel's Grammar substituted for Bocher's Otto, and adoption of Whitney's Essentials of English Grammar, as text-book, have been approved.
- Todd (A.): Class of 1877 (record). Cambridge, 1878. 1 vol., O. (A)
- 1878.** Change in dress-hat ornament of cadets. (Same as worn in 1890.) Photograph in class album, 1878. (A)
- 1878 to —.** Wheeler (J. B.) [U. S. Military Academy, 1855]: An elementary course of civil engineering for the use of cadets of the U. S. Military Academy. New York, 1877. 1 vol., O. (Text-book department of civil and military engineering, 1878 to —.) Cadet Register, 1878, p. 34. (A)
- 1878-1880.** Roberts (Capt. Joseph) [U. S. Military Academy, 1835]: The handbook of artillery for the service of the United States. New York, 1860. 1 vol., O. (Text-book department of tactics, 1878-1880.) Cadet Registers, 1878, p. 34, and 1880, p. 36. (A)
- 1878-1886.** Ives (Rollin A.): A treatise on military law and the jurisdiction, constitution, and procedure of military courts. New York, 1879. 1 vol., O. (Text-book department of law, 1878-1886.) Rept. Supt. U. S. Military Academy, 1896, p. 31. (A)
- 1878-1901.** Examinations, annual. 1 part., O. June, 1878, 1882, 1883, 1893, 1897, 1901. (A)
- 1878-1902.** Roster of officers and troops serving at the U. S. Military Academy. O. 1878, 1886, 1887, 1888, 1889, 1890, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900 (May), 1900 (September). (A)
- 1879, March 1.** Cadet limits defined. Post Orders, vol. 9, p. 388. (A)
- 1879, June 23.** Act of Congress establishes the department of modern languages. The act went into effect June 30, 1882. Professor Andrews head of department, 1882-1892; Professor Wood, 1892-1902. A list of the text-books employed is given in Rept. Supt. U. S. Military Academy, 1896, p. 138. (A)
- Act of Congress provides that graduates of 1879 and 1880 may accept \$750 and mileage to their homes in lieu of commissions. (A)
- 1879, June.** The regulations amended so as to excuse a cadet from answering questions tending to criminate himself; this provision altered in 1901. (A)
- 1879, August 19.** Order relating to hazing. Post Orders, vol. 9, p. 419. (A)
- 1879, August 30.** New programme of studies for second class announced. Post Orders, vol. 9, p. 423. (A)
- 1879, November 25.** General orders U. S. C. C. (blue book). 1 vol., O. (A)
- 1879.** Cadet assignments. N. Y. Times. July 9, 1879, p. 3, col. 3.

- 1879.** West Point fifty years ago, . . . by Francis H. Smith. New York, 1 vol., O., pp. 16. (A)
- Government; uncontrolled academic freedom in teaching and untrammelled academic authority are the conditions of academic success; the course of study considered; suggestions for its improvement; candidates should be selected by competition. Rept. Board of Visitors, 1879. (A)
- Schofield (Maj. Gen. J. M.): Address delivered . . . to the corps of cadets Aug. 11, 1879. 1 pam., O., 9 pp. (A)
- Stewart (Maria L.): Our little brown house; a poem of West Point . . . 1879 . . . New York, 1880. 1 pam., bound, O. (A)
- Letter on the Military Academy. Secretary G. W. McCrary, Dec. 9, 1879. Senate Ex. Docs., No. 11, 46th Cong., 2d sess., vol. 1, 2 pp. (A)
- Letter on a professorship at West Point. Secretary G. M. McCrary, Jan. 23, 1879. Senate Ex. Docs., No. 47, 45th Cong., 3d sess., vol. 1, 2 pp. (A)
- Letter on payment of professors at the Military Academy. Feb. 18, 1879. Senate Ex. Docs., No. 69, 45th Cong., 3d sess., vol. 4, 2 pp. (A)
- [Hazing at U. S. Military Academy.] See address by Gen. J. M. Schofield, August, 1879. (A)
- General Orders, Adjutant-General's Office, No. 2. Act making appropriations for support of U. S. Military Academy for the year ending June 30, 1880. (A)
- General Orders, Adjutant-General's Office, No. 64. Office of professor of French language and that of Spanish language in the Military Academy to cease when a vacancy occurs, and thereafter there shall be in the Military Academy only one professor of modern languages. (A)
- General Orders, Adjutant-General's Office, No. 89. Subject of mineralogy and geology transferred from fourth year to third year. (A)
- 1879 to —.** Keetels (Jean Gustave): An analytical and practical French grammar. New ed. New York, 1900. 1 vol., O. (Text-book department of modern languages, 1879 to —.) Cadet Register, 1879, p. 33. (A)
- 1879-1887.** Church (Albert E.) [U. S. Military Academy, 1828]: Plane and spherical trigonometry. (Text-book department of mathematics, 1879-1887.) Cadet Registers, 1879, p. 33, and 1887, p. 30. (A)
- 1879-1888.** Wheeler (J. B.) [U. S. Military Academy, 1855]: A course of instruction in the elements of the art and science of war. New York, 1879. 1 vol., O. (Text-book department of civil and military engineering, 1879-1888.) Cadet Registers, 1879, p. 34, and 1888, p. 31. (A)
- 1879-1891.** Chauvenet (William): Manual of spherical and practical astronomy . . . with an appendix on the method of least squares. Philadelphia, 1863. 2 vols., O. (Text-book department of mathematics, 1879-1891.) Rept. Supt. U. S. Military Academy, 1896, pp. 61, 64. (A)
- 1879-1893.** Whitney (William D.): Essentials of English grammar. (Text-book department of modern languages, 1879-1893.) Cadet Registers, 1879, p. 33, and 1893, p. 30.
- 1879-1896.** General Orders, No. 100, Adjutant-General's Office (1863). Washington, 1864. 1 vol., O. (Text-book department of law, 1879-1896.) Cadet Registers, 1879, p. 34, and 1896, p. 32. (A)
- 1879-1898.** Wheeler (J. B.) [U. S. Military Academy, 1855]: Elements of field fortification. New York, 1882. 1 vol., O. (Text-book department of civil and military engineering, 1879-1898.) Rept. Supt. U. S. Military Academy, 1896, p. 32. (A)
- 1880, February 7.** Regulations for recitation rooms and for the drawing academy adopted and published. Post Orders, vol. 9, p. 466. (A)
- 1880, February 9.** Code of rules for governing the proceedings of the academic board. Post Orders, vol. 9, p. 468. (A)
- 1880, March 2.** Detailed programme of instruction in drawing proposed; history of the department to 1896. Rept. Supt. U. S. Military Academy, 1896, pp. 26-30. (A)
- 1880, August 31.** Programme of course of studies of first class at the Military Academy. Post Orders, vol. 10, p. 9. (A)
- 1880.** Whitaker (Cadet outrage; Bruce (B. K.) letter. N. Y. Times, July 13, 1880, p. 3, col. 2.
- How Messrs. Brewsters and Stone came to offer to defend Cadet Whitaker. N. Y. Times, July 29, 1880, p. 2, col. 6.
- Professor Greener's argument for granting a court-martial. N. Y. Times, Aug. 18, 1880, p. 1, col. 7.
- Whitaker (J. C.) Cadet—Political speech in New York City. N. Y. Times, Sept. 3, 1880, p. 2, col. 7.

- 1880.** Rank as fixed by separate examinations—Whitfield's case. *N. Y. Times*, Oct. 1, 1880, p. 2, col. 6.
- Army officers' sons declared ineligible for appointment; a question of residence. *N. Y. Times*, 1880, Oct. 20, p. 1, col. 4; Oct. 21, p. 5, col. 2.
- Court-martial ordered. *N. Y. Times*, 1880, Dec. 30, p. 2, col. 6; Dec. 31, p. 5, col. 2.
- Case of Cadet Whitaker—Schofield (J. M.): Forty-six years in the Army, pp. 445, et seq. (A)
- General Orders, Adjutant-General's Office, No. 8. Adoption of Abbott's *How to write clearly* as text-book in department of English studies, U. S. Military Academy. (A)
- Cadet barracks are crowded, many rooms containing three persons. Rept. Board of Visitors, 1880, p. 544. (A)
- Report of Congressional Board of Visitors for 1880. With draft of a bill for amending existing laws in relation to the Military Academy. (46th Cong., 3d sess., Senate Mis. Doc. 18.) O., pp. 16. Washington, 1881. (A)
- P. S. Michie: *Caste at West Point*. In *N. Amer. Rev.*, vol. 130 (1880), pp. 604-613. (A)
- Andrews, Prof. George L., U. S. Military Academy: *West Point and the colored cadets*. (In the *Internat. Rev.*, vol. 9, November, 1880, pp. 477-498.) (A)
- General Orders U. S. corps of cadets. New York, 1880, 1 pam., O. (A)
- Addresses to the graduating class, 1880, by Gen. Robert Patterson (U. S. Military Academy, 1851) and others. pam., O. (A)
- Haizing; reform in methods of drilling new cadets; fights between cadets; changes in system of guard duty in barracks; increased privileges to cadets; Whitaker case. Rept. Supt. U. S. Military Academy, 1880, pp. 225-230. (A)
- "The great aim of West Point education is that combination of mental, moral, and physical discipline which makes the reliable soldier . . . The essential quality required [in the new cadet] is stamina, mental, moral, and physical." J. M. Schofield in Rept. Supt. U. S. Military Academy, 1880, p. 224. (A)
- 1880 to —.** Abbott (Rev. Edwin A.): *How to write clearly*. Rules and exercises on English composition. Boston, 1888. 1 vol., O. (Text-book department of modern languages, 1880 to —.) Cadet Register, 1880, p. 35. (A)
- 1880-1883.** West Shore tunnel built.
- 1880-1887.** Knight (Lieut. John G. D.) [U. S. Military Academy, 1868]: Notes on determinants, for the use of the cadets of the U. S. Military Academy (West Point), 1880. 1 vol., O. (Text-book department of mathematics, 1880-1887.) Rept. Supt. U. S. Military Academy, pp. 61, 64. (A)
- 1880-1902.** Orders U. S. corps of cadets [the "Blue Book"] for the years 1880, 1884, 1899, 1902. 4 vols., O. (A)
- 1881, May 31.** Shaving by cadet barber discontinued and cadets ordered to shave themselves. Post Orders, vol. 10, p. 66. (A)
- 1881, June 11.** The use of tobacco in any form by cadets is prohibited. Post Orders, vol. 10, p. 68. (A)
- 1881, June 17.** White helmet with chin chain hooks and spike ordered worn as full dress for the cadets during the summer. Post Orders, vol. 10, p. 71. (A)
- 1881, June.** To this date examinations in the department of mathematics were oral, but new rules were adopted at this time; a change made in 1895 permits examinations to be held when any subject is completed. Rept. Supt. U. S. Military Academy, 1896, p. 83. (A)
- 1881, Early in.** Cadets forbidden to smoke tobacco. (Permission again given Sept. 4, 1903.)
- 1881.** Amendment of rules. *N. Y. Times*, Feb. 23, 1881, p. 2, col. 4.
- Bachelor officers' ball. *N. Y. Times*, Feb. 25, 1881, p. 5, col. 5.
- Cadets' standing. *N. Y. Times*, May 18, 1881, p. 2, col. 5.
- General Howard's staff. *N. Y. Times*, May 18, 1881, p. 2, col. 5.
- Graduation exercises. *N. Y. Times*, 1881, June 3, p. 5, col. 4; June 7, p. 1, col. 6; June 8, p. 2, col. 1; June 10, p. 5, col. 3.
- Addresses by Secretary Lincoln and General Sherman. *N. Y. Times*, June 11, 1881, p. 2, col. 3.
- Graduates classed according to standing. *N. Y. Times*, June 12, 1881, p. 5, col. 3.
- Board of Visitors' recommendations. *N. Y. Times*, June 16, 1881, p. 5, col. 3.
- Board of Visitors' report—Recommendations as to discipline and financial methods. *N. Y. Times*, Sept. 18, 1881, p. 2, col. 1; Dec. 17, 1881, p. 2, col. 5.
- Board of Visitors' report on administration. *N. Y. Times*, Sept. 19, 1881, p. 4, col. 1.

- 1881.** Board of Visitors—Recommendations on physical culture, financial methods, etc. *N. Y. Times*, Oct. 3, 1881, p. 4, col. 4.
- Rank and pay of Superintendent, O. O. Howard on. *N. Y. Times*, Oct. 17, 1881, p. 2, col. 6.
- Rank of Superintendent, Engineers and West Point. *N. Y. Times*, Nov. 19, 1881, p. 4, col. 3.
- The Superintendent should serve more than four years; and also the commandant and the heads of the departments of practical military engineering and of ordnance; discipline; hazing; instruction; criticism of the administration of the cadet mess. Minority report; the change in the supervision of the Academy in 1866 has not been justified; the post of West Point should not be a military department; competitive examination for candidates is not favored; a preparatory school is recommended. Rept. Board of Visitors, 1881. (A)
- Duties of the adjutant U. S. Military Academy described; the all-night guard in cadet barracks abolished; no hazing during the camp of 1881; each instructor prepares and reads a paper on some professional subject. Rept. Supt. U. S. Military Academy, 1881, pp. 157-159. (A)
- Detailed statement as to the various funds U. S. Military Academy. Rept. Supt. U. S. Military Academy, 1881, pp. 161-167. (A)
- Fish (Williston) [U. S. Military Academy]: Short Rations [a story of cadet and army life], ill. New York, 1899. 1 vol., O.
- Blasting or military mining, '81. 1881. O., paper.
- Howe (E. W.): History of the Class of 1881. New York, 1881. 1 vol., O. (A)
- Hamilton (Alice King): Mildred's Cadet or Hearts and Bell-Buttons. An Idyl of West Point . . . Philadelphia, (1881). 1 vol., O. (A)
- National Repository, No. 471. March, 1881. 1 pam., O. [Pages 193-205: West Point Military Academy.] (A)
- Supplement to the catalogue of the library of the U. S. Military Academy, West Point, N. Y. Containing the additions from 1873 to the 31st of December, 1881. Librarian: C. E. S. Wood, . . . Assistant Librarian: André Freis. New York, A. V. Haight, printer, 1882. 1 vol., O., viii pp. and pp. 725-1027; pp. 913-1027, alphabetical index [to the whole catalogue]. (A)
- 1881.** Report on the Military Academy at West Point. Rep. J. F. Philips. Jan. 21, 1881. House Repts., No. 112, 46th Cong., 3d sess., vol. 1, 13 pp. (A)
- Report of Board of Visitors to West Point Academy. Senator A. H. Garland. Jan. 17, 1881. Senate Misc. Docs., No. 18, 46th Cong., 3d sess., vol. 1, 13 pp. (A)
- Angur (C. C.): U. S. Military Academy, 1843. Address to the graduating class June 10, 1885. n. p., n. d. 1 vol., O., 9 pp. (A)
- General Orders, Adjutant General's Office, Nos. 9, 11, 87. Text-books. (A)
- General Order Adjutant General's Office, No. 22. Violation of academic rules and regulations to be reported. (A)
- General Order Adjutant General's Office, No. 22. Cadets' deficiency in discipline. (A)
- General Orders Adjutant-General's Office, No. 22. Graduates of the Military Academy, physical disability. (A)
- General Orders Adjutant-General's Office, No. 22. Graduates of the Military Academy, diplomas. (A)
- 1881-1886.** General Orders Adjutant-General's Office, No. 22, 1881; Circ. Nos. 7, 1885; 33, 1886. Graduates of the Military Academy, appointments and assignments in the Army. How made. (A)
- 1881-1897.** Cooley (Thomas M.): The general principles of constitutional law in the United States of America . . . 2d ed., by Alexis C. Angell. Boston, 1891. 1 vol., O. (Text-book department of law, 1881-1896; department of law and history, 1896-1897.) Cadet Registers, 1881, p. 31, and 1897, p. 32; Rept. Supt. U. S. Military Academy, 1896, p. 157. (A)
- 1881-1898.** Tidball (John C.) [U. S. Military Academy, 1848]: (By authority.) Manual of heavy artillery service for the use of the Army and militia of the United States. 4th ed. Washington, 1891. 1 vol., O. (Text-book department of tactics, 1881-1898.) Rept. Supt. U. S. Military Academy, 1896, p. 127. Cadet Registers, 1881 and 1898, pp. 31. (A)
- 1881-1900.** General Orders, Adjutant-General's Office, Nos. 20, 1881; 9, 1882; 17, 1890; 2, 1900. Uniform of professors of the Military Academy. (A)
- General Orders, Adjutant-General's Office, Nos. 58, 1881; 75, 1882; 44, 1883; 62, 1884; 74, 1885; 50, 1886; 45, 64, 1887; 56, 1888; 57, 1889, 104,

- 1890; 62, 1891; 51, 1892; 53, 1893, 24, 1894; 37, 1895; 29, 1896; 45, 1897; 43, 1898; 33, 1899; 87, 1900. Graduates of the Military Academy, appointments and assignments in the Army announced. (A)
- 1882, May 25.** Board of officers appointed to devise a dress hat for the battalion of cadets. Post Orders. (A)
- 1882.** Method of examining candidates; General Fry's criticisms. N. Y. Times, Mar. 15, 1882, p. 4, col. 5.
- Appointments; Lists by States. N. Y. Times, Apr. 8, 1882, p. 2, col. 3.
- Board of examiners appointed to attend examinations. N. Y. Times, 1882, May 11, p. 5, col. 2; May 13, p. 2, col. 3.
- Officers to be relieved from duty. N. Y. Times, May 11, 1882, p. 2, col. 3.
- Board of Visitors' report on selection of Superintendent; fiscal system, and raising standard of admission. N. Y. Times (ed.), June 3, 1882, p. 4, col. 3.
- Graduates' names. N. Y. Times, June 6, 1882, p. 5, col. 5.
- Candidates for admission; treatment by cadets. N. Y. Times, June 7, 1882, p. 5, col. 1.
- Class standing—Bareback riding—Board of Visitors' meeting. N. Y. Times, June 9, 1882, p. 5, col. 2.
- Graduation hop. N. Y. Times, June 10, 1882, p. 8, col. 1.
- Graduating exercises—Address by Col. E. S. Otis. N. Y. Times, June 13, 1882, p. 8, col. 1.
- Cadets; assignments. N. Y. Times, July 13, 1882, p. 2, col. 3.
- Discontinued as a military department—Col. W. Merritt appointed Superintendent. N. Y. Times, 1882, July 14, p. 2, col. 3; Sept. 1, p. 3, col. 3.
- Livingston, L. W. (colored), appointed cadet from Florida. N. Y. Times, 1882, July 30, p. 8, col. 4; Aug. 29, p. 1, col. 6; Aug. 30, p. 2, col. 4; Sept. 3, p. 5, col. 5.
- 1882, August 3.** Act of Congress authorizes payment to heirs of the late H. R. Aguel, professor, U. S. Military Academy, for money expended by him at U. S. Military Academy. (A)
- 1882.** Cadet's career declared easy—Relation of number of cadets to appointments to the Army. N. Y. Times (ed.), Aug. 11, 1882, p. 4, col. 3.
- Cadets—how appointed. N. Y. Times, 1882, Aug. 25, p. 8, col. 4; Aug. 26, p. 8, col. 6.
- 1882.** General Howard—Final report—"Fisticuff" practice. N. Y. Times, Aug. 30, 1882, p. 2, col. 4.
- The library contains 28,743 volumes. Rept. Supt. U. S. Military Academy, 1882, p. 159. (A)
- Effect of too numerous reports upon the discipline of cadets; hazing; fights between cadets. Rept. Supt. U. S. Military Academy, 1882, pp. 157, 158. (A)
- Religious instruction of cadets. Rept. Supt. U. S. Military Academy, 1882, p. 161. (A)
- General Orders, Adjutant-General's Office, No. 9. Uniform of the sword master at Military Academy. (A)
- Extension (2 divisions, 33 rooms) to Cadet Barracks completed, costing \$72,000. (A)
- Second Observatory built (\$50,000).
- Autobiography of a West Pointer. By Capt. Dum John. O., 1 v. 1882. (A)
- General Orders, Adjutant-General's Office, No. 2. Cadets examinations. (A)
- General Orders, Adjutant-General's Office, No. 75. Graduates of the Military Academy; mileage to be paid in advance. (A)
- General Orders, Adjutant-General's Office, No. 78. Colonel Merritt appointed Superintendent, vice General Howard, relieved. (A)
- General Orders, Adjutant-General's Office, No. 102. Appropriations for new hospital. (A)
- 1882 to —.** Michie (Peter S.) [U. S. Military Academy, 1863]: Elements of wave motion relating to sound and light. 2d ed., rev. New York, 1886. 1 vol., O. (Text-book department of natural and experimental philosophy, 1882 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 20; Cadet Register, 1882, p. 32. (A)
- Le Conte (Joseph): Elements of geology. New York, 1891. 1 vol., O. (Text-book department of chemistry, 1882 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 104. (A)
- 1882-1885.** General Orders, Adjutant-General's Office, Nos. 77, 1882; 13, 1899; 98, 1895; 2, 1882; 22, 1881; 43, 1885. Regulations amended, etc. (A)
- General Orders, Adjutant-General's Office, Nos. 77, 1882; 13, 1889. Superintendent, duties. (A)
- General Orders, Adjutant-General's Office, Nos. 77, 1882; 13, 1889. Supervision and charge of. (A)

- 1882-1890.** General Orders, Adjutant-General's Office, Nos. 138, 1882; 38, 1890. Transportation of articles donated to. (A)
- 1882-1893.** Keetel (Jean G.): An analytical French reader. (Text-book department of modern languages, 1882-1893.) Cadet Registers, 1882, p. 31, and 1893, p. 30.
- 1882-1894.** General Orders, Adjutant-General's Office, Nos. 74, 1882; 37, 1894. Assignment or detail of graduates of the Military Academy as professors, etc. (A)
- 1883, June 11.** Thayer monument dedicated.
- 1883.** Commission to visit colleges. N. Y. Times (ed.), Mar. 15, 1883, p. 4, col. 5.
- Military Service Institute—discuss course of study and examinations. N. Y. Times, Mar. 18, 1883, p. 13, col. 3.
- Annual examinations. N. Y. Times, 1883, June 6, p. 3, col. 2; June 7, p. 5, col. 3; June 8, p. 8, col. 1; June 9, p. 8, col. 3; June 10, p. 5, col. 1; June 11, p. 1, col. 5.
- Graduating exercises—Times "W. J. H." letters. N. Y. Times, 1883, June 2, p. 2, col. 7; June 3, p. 5, col. 6; June 4, p. 5, col. 5; June 5, p. 5, col. 1; June 6, p. 9, col. 1; June 7, p. 2, col. 3; June 8, p. 5, col. 4; June 9, p. 5, col. 1; June 10, p. 5, col. 1; June 11, p. 5, col. 4; June 12, p. 5, col. 4; June 13, p. 9, col. 1.
- Commencement 1883. N. Y. Times, 1883, June 12, p. 1, col. 7; June 13, p. 1, col. 5; June 14, p. 1, col. 6.
- Thayer Statue unveiled. N. Y. Times, June 12, 1883, p. 1, col. 7.
- Alexander (J. H.), colored cadet. N. Y. Times, 1883, June 13, p. 1, col. 5; June 26, p. 1, col. 2.
- Alexander (J. H.), colored cadet—Prospects of hazing. N. Y. Times, July 2, 1883, p. 1, col. 3.
- Hartigan (Cadet)—Dismissal for hazing. N. Y. Times (ed.), 1883, July 31, p. 4, col. 1; Aug. 6, p. 4, col. 3; (news), July 31, p. 1, col. 3; Aug. 11, p. 5, col. 5; Sept. 21, p. 5, col. 6.
- Candidates admitted 1883. N. Y. Times, Sept. 8, 1883, p. 1, col. 6.
- Annual report by General Merritt. N. Y. Times, Nov. 15, 1883, p. 3, col. 2.
- Regulations for the U. S. Military Academy at West Point, N. Y. Washington, Government Printing Office, 1883. xviii, 82 pp., 12°. (A)
- Cadets of the fourth class were for the first time instructed in swimming and in rifle practice. Hazing. Rept. Supt. U. S. Military Academy, 1883, pp. 188, 191. (A)
- 1883.** Forsyth (J.) and Michie (P. S.): L'académie militaire des Etats-Unis à West Point. Revue Internationale de l'enseignement, tome 5, 1883, pp. 610 et seq. (A)
- Andrews (G. L.): The Military Academy and its requirements. . . . West Point, 1883. 1 vol., O., 38 pp. (A)
- Novels: Fush, pseud.: Won at West Point: A romance on the Hudson. By Fush. Chicago, 1883. 1 vol., O. (A)
- B. J. Lossing: West Point, ill. In Century Mag., vol. 4, p. 257.
- 1883 to —** Thompson (Sylvanus P.): Elementary lessons in electricity and magnetism. New ed. New York, 1901. 1 vol., O. (Text-book department of chemistry, 1883 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 104.
- 1883-1889.** Mordecai (Alfred) [U. S. Military Academy, 1861]: Ordnance and gunnery, Pamphlets Nos. 1, 2, 3, 4, and 5. n.p.n.d. 5 vol., O. (Text-book department of ordnance and gunnery, 1883-1889.) Cadet Registers, 1883, p. 32, and 1889, p. 32. (A)
- 1883-1891.** General Orders, Adjutant-General's Office, Nos. 21, 1883; 52, 1887; 70, 78, 1891. Graduates of the Military Academy, transportation of books. (A)
- 1883-1893.** Orders and circulars, compendium of, from headquarters, U. S. Military Academy, No. 17 of 1883 to No. 61 of 1893. U. S. M. A. Press, 1893. 1 pam., O. (A)
- 1883-1894.** Wheeler (J. B.) [U. S. Military Academy, 1855]: A text-book of military engineering for the use of the cadets of the U. S. Military Academy. Pt. 1. Permanent fortifications. Pts. 2 and 3. Siege operations and military mining. New York, 1885. 2 vols., O. (Text-book department of civil and military engineering, 1883-1894.) Cadet Registers, 1883, p. 31, and 1894, p. 31. (A)
- 1883-1896.** Swinton (William): Outlines of the world's history, ancient, mediæval, and modern, with special relation to the history of civilization and the progress of mankind. New York, 1874. 1 vol., O. (Text-book department of geography, history and ethics, 1883-1896.) Rept. Supt. U. S. Military Academy, 1896, p. 156. (A)
- 1883-1902.** Knapp (William I.): Modern Spanish readings, embracing text, notes, and an etymological vocabulary. Boston, 1895. 1 vol., O.

(Text-book department of modern languages, 1883-1902.) Rept. Supt. U. S. Military Academy, 1896, p. 144; Cadet Registers, 1902, p. 31. (A)

1883-1902. Knapp (William L.): A grammar of the modern Spanish language, 2d ed. Boston, 1892. 1 vol., O. (Text-book department of modern languages, 1883-1902.) Rept. Supt. U. S. Military Academy, 1896, p. 144; Cadet Registers, 1902, p. 31. (A)

February 2, 1884. Act of Congress authorizing a cadet from Guatemala and one from Nicaragua to receive instruction at U. S. Military Academy. (A)

March 4, 1884. Minor changes in gray cloth coats for cadets. Post orders, vol. 10, p. 396. (A)

March 31, 1884. Act of Congress provides that any cadet dismissed for hazing shall not be eligible to reappointment. (A)

— Act of Congress appropriates money to pay for plumes for hats of cadet officers; same, Mar. 2, 1891, appropriates money to pay for sashes for cadet privates acting as officers, etc.; same, Jan. 16, 1895, appropriates money to pay for sashes of all cadet officers. [Previous to these dates the cadets mentioned paid for plumes and sashes needed by them.] (A)

April 14, 1884. Orders U. S. C. C. (blue book). 1 vol., O. (A)

June 14, 1884. Houk (George W.): Address delivered at the graduating exercises. Rept. Board of Visitors, 1884, p. 819. (A)

June, 1884. Table showing the physical examination of each graduate and comparisons with the same data at entrance. Rept. Board of Visitors, 1884, pp. 840-841. (A)

— Crook (George) [U. S. Military Academy, 1852]: Address to the graduating class. n. p., n. d. 1 vol., O., pp. 7. (A)

1884. Bills of fare at cadet's mess, May and June; cost of provisions, etc., for cadets, 1874-1884; extracts from cadet check books. Rept. Board of Visitors, 1884, pp. 833-839. (A)

— (Second) Cadet hospital erected at a cost of \$120,617.84. South wing added, 1902-3. (A)

— Report of the Board of Visitors on the part of the House of Representatives upon the discipline, instruction, police administration, and fiscal and other affairs of the Military Academy at West Point, with accompanying reports thereon of the several commit-

tees appointed by the President, Dec. 2, 1884. O. Washington, 1884. 50 pp., 6 pls. (sep.) (A)

1884. Board of Visitors' annual report. N. Y. Times, Nov. 21, 1884, p. 3, col. 1.

— Orders for the U. S. corps of cadets. 1884. 1 v., O. 78 pp. (A)

— Electric-light building occupied. (A)

— Orders for the cadet guard in camp. 1 v., O. (1884.) 25 pp. (A)

— General Orders, Adjutant-General's Office, No. 27: Cadet's dismissal for hazing disqualifies for reappointment. (A)

— ? Leeds (J. W.): The dress parade at West Point. n. p., 1884? O., 12 pp. (Reprint from the Episcopal Rev., 1884. In the Lenox Library, New York City.)

1884-1897. Bloxham (Charles London): Chemistry, inorganic and organic, with experiments. 4th ed. London, 1880. 1 vol., O. (Text-book department of chemistry, 1884-1897.) Cadet Registers, 1885, and 1897, p. 31. (A)

1884-1900. General Orders, Adjutant-General's Office, Nos. 5, 1884; 41, 90, 1888; 11, 28, 1893; 29, 1899; 13, 1900. Admission of foreigners authorized. (A)

1885, February 1. H. J. Koehler appointed master of the sword. (A)

1885, August 5. The corps of cadets crosses the river to Garrison to salute the funeral train bearing the remains of Gen. U. S. Grant. Post Orders, vol. 11, p. 104. (A)

1885. Cadets ask legislation giving appointments on graduation. N. Y. Times (ed.), Jan. 11, 1885, p. 6, col. 3.

— Board of Visitors report—Cadets' deficient knowledge of English criticized. N. Y. Times, Jan. 30, 1885, p. 2, col. 4.

— Board of Visitors—Graduates. N. Y. Times, June 1, 1885, p. 2, col. 1.

— "Times" letters. N. Y. Times, 1885, June 2, p. 5, col. 1; June 3, p. 2, col. 1; June 5, p. 5, col. 4; June 6, p. 5, col. 4; June 7, p. 9, col. 3; June 9, p. 2, col. 7; June 10, p. 2, col. 1; June 12, p. 1, col. 7; June 13, p. 1, col. 6; June 14, p. 7, col. 1.

— Review—Appointments by States. N. Y. Times, June 4, 1885, p. 2, col. 1.

— Baccalaureate sermon, 1885. N. Y. Times, June 8, 1885, p. 2, col. 3.

— General Grover's funeral. N. Y. Times, June 10, 1885, p. 2, col. 31.

— "Plebs" initiation described. N. Y. Times, June 11, 1885, p. 5, col. 3.

- 1885.** Commencement, 1885. N. Y. Times (ed.), June 13, 1885, p. 4, col. 4; (news) June 14, 1885, p. 7, col. 1.
- Curriculum—Changes suggested by Board of Visitors. N. Y. Times (ed.), July 8, 1885, p. 4, col. 4.
- Board of Visitors' recommendations. N. Y. Times, July 8, 1885, p. 3, col. 1.
- General Orders, Adjutant General's Office, No. 43. Burials in post cemetery. (A)
- Antoné Lorentz, sword master for twenty-seven years, died; H. J. Kochler appointed Feb. 1, 1885. The use of curtains in alcoves of cadet rooms discontinued. Service at post-graduate schools recommended. Rept. Supt. U. S. Military Academy, 1885, pp. 190-193. (A)
- Methods of teaching at U. S. Military Academy described; are changes in the courses taught desirable? Opinions of the academic board; statistics (1867-1884) of preliminary examinations and on scholarship; examination papers for candidates 1878-1882. Rept. Board of Visitors 1885, pp. 848-858, 868-880. (A)
- Reasons why cadets should submit written explanations for offenses; necessity for target practice; necessity for a new academic building; some military subject should be studied in each year of cadet life; lectures on hygiene should be given; maps should be provided for every room in cadet barracks, etc. Rept. Board of Visitors, 1885, pp. 841-847. (A)
- Systematic instruction in swimming was first given in 1885. H. T. K.
- Annual report of the Board of Visitors to the U. S. Military Academy for the year 1885; Washington, 1886, 44 pp. (A)
- Electric fire-alarm system installed.
- The Military Academy, West Point, N. Y. [Roster of officers.] *In* The U. S. Military List No. 2, October, 1885, p. 61. (A)
- A letter from the Hon. Edward Pierrepont to his son . . . printed for distribution to the cadets, U. S. Military Academy. . . . West Point, 1885, 1 vol., O., 16 pp. (A)
- Hoadley (G.). An address delivered to the graduating class . . . June 18, 1885. n. p., n. d. 1 vol., O., 13 pp. (A)
- Annual report of the Board of Visitors made to the Secretary of War, for the year 1885. O. Washington, 1885. 42 pp. (A)
- 1885-86.** Turnover collars on cadet uniform introduced. Class album, 1886. (A) F. W. S. [before 1857, E. S. H.]
- 1885-1887.** General Orders, Adjutant General's Office, Nos. 127, 1885; 5, 1887. Graduates of the Military Academy. leave of absence. (A)
- General Orders, Adjutant General's Office, Nos. 127, 1885; 5, 1887. Graduates of the Military Academy. pay. (A)
- Deschanel (A. P.): Heat, elementary treatise, natural philosophy. Translated by J. D. Everett. (Text-book department of chemistry, 1885-1887.) Cadet Registers, 1885, p. 31, and 1887, p. 31.
- Tillman (Samuel E.) [U. S. Military Academy, 1869]; (Text-book department of chemistry, 1885-1887.) Principles of chemical philosophy. West Point, 1885. 1 vol., O. Cadet Registers, 1885, p. 31, and 1887, p. 31. (A)
- 1885-1892.** The physical training of cadets was carried on in the old gymnasium (in the basement of the third academic building). H. T. K.
- 1885-1894.** Instruction in swimming was given at Washington Valley; since 1894 in the gymnasium tank. H. T. K.
- 1885—** Labberton (Robert H.): Historical atlas, 3800 B. C. to 1886 A. D. . . . 5th ed. . . . New York, 1891. 1 vol., O. (Title changed to Universal History in 1902.) (Text-book department of geography, history, and ethics, 1885-1896, and department of law and history, 1896 to —.) Cadet Register, 1885, p. 31. (This book is furnished to cadets and kept in their rooms during term time.) (A)
- 1885-1898.** General Orders, Adjutant-General's Office, Nos. 98, 1885; 15, 1898. Examination of candidates for admission. (A)
- 1885—** Roemer, J. Cours de Lecture et de Traduction. New York, 1901. 2 vols., O. (Text-book department of modern languages. Vol. I, 1885-1902; Vol. II, 1899 to —.) Cadet Registers, 1885, p. 30; 1899, p. 30; 1902, p. 31. (A)
- before 1886.** Bruff (Lawrence L.) [U. S. Military Academy, 1876]; Exterior ballistics, gun construction, and U. S. sea coast guns. West Point, 1892, 1 vol., O. (Text-book department of ordnance and gunnery, 1870-1886.) Rept. Supt. U. S. Military Academy, 1896, p. 180. (A)
- 1886, May 17.** Act of Congress authorizes the promotion of graduates as additional second lieutenants. (A)

- 1886, May 20.** Act of Congress provides for instruction at U. S. Military Academy as to the effects of alcoholic drinks, etc. (A)
- 1886, June 30.** Act of Congress appropriating money to pay general service clerks at West Point. (A)
- 1886, June.** Rept. Board of Visitors: The U. S. Military Academy has contributed to the educational force of the country no less than 35 presidents of colleges, 27 principals of schools, 11 regents or chancellors, 119 professors or teachers; 192 in all. (A)
- 1886, July 29.** Act of Congress providing for the enlistment and pay of general service clerks at West Point and elsewhere. (A)
- 1886, December 20.** Act of Congress: Graduates who are commissioned must be paid from date of acceptance and qualification for commission "in accordance with the uniform practice which has prevailed since the establishment of the Military Academy." (A)
- 1886.** Appropriation bill reported. *N. Y. Times*, Feb. 26, 1886, p. 3, col. 5; passed by House, May 9, 1886, p. 1, col. 3; passed by Senate, June 17, 1886, p. 3, col. 6.
- Appropriation bill passed by House. *N. Y. Times* (ed.), May 9, 1886, p. 8, col. 1.
- Board of Visitors appointed. *N. Y. Times*, May 22, 1886, p. 3, col. 7.
- Annual exercises—Programme. *N. Y. Times*, May 22, 1886, p. 6, col. 1.
- Visitors appointed, 1886. *N. Y. Times*, May 22, 1886, p. 3, col. 7.
- Graduating exercises—*Times* "W. J. H." letters. *N. Y. Times*, 1886, June 2, p. 2, col. 7; June 3, p. 5, col. 6; June 4, p. 5, col. 6; June 5, p. 5, col. 1; June 6, p. 9, col. 1; June 7, p. 2, col. 3; June 8, p. 5, col. 4; June 9, p. 5, col. 1; June 10, p. 5, col. 1; June 11, p. 5, col. 4; June 12, p. 5, col. 4; June 13, p. 9, col. 1.
- Candidates for admission—List. *N. Y. Times*, June 9, 1886, p. 5, col. 1.
- Cadet at large—Appointment given Mr. Rochester. *N. Y. Times* (ed.), July 4, 1886, p. 6, col. 1.
- Estimates . . . of appropriations for the support of the Academy for . . . 1886-87. Mar. 11, 1886. 2 pp. (A)
- Report of Committee on Military Affairs on bill to regulate promotion of graduates. Mar. 18 and 23, 1886. 2-1 + 4 pp. (A)
- On bill making appropriations for 1886-7. Feb. 25. 1 p. House Rept. No. 719. (A)
- 1886.** Letter . . . in regard to the omission from House bill 5886 of certain appropriations recommended. Mar. 23, 1886. 2 pp. (A)
- Annual report of the Board of Visitors for 1886. Dec. 22, 1886. Washington, 1886. 63 pp., 9 pls. (A)
- [Berard, Miss A. B.]: *Reminiscences of West Point in the Olden Time, Derived from various Sources, and Register of Graduates of the U. S. Military Academy, corrected to Sept. 1, 1886, with an index.* East Saginaw, Mich., 1886. 1 vol., O. *Reminiscences*, 40 pp.; *Register*, 76. (A)
- List of cadets admitted to the U. S. Military Academy, West Point, N. Y., from its origin till Sept. 1, 1886. With tables exhibiting the results of examinations for admission and the corps to which the graduates have been promoted. Compiled under the direction of W. C. Brown, First Cavalry, by William Ward. Washington, 1887. 12°, 72 pp. (A)
- General Orders, Adjutant-Generals's Office, No. 26. Graduates of the Military Academy, transportation of baggage. (A)
- Cervus, G. L.: *Cut; A story of West Point . . .* Philadelphia, 1886. 1 vol., O. (A)
- 1886-87.** Book List No. 1, U. S. Military Academy library, fiscal year 1886-87. 1 v., O. (A)
- 1886-1895.** Cooke (Col. A. C.) and others: *Aide-mémoire for the use of officers of royal engineers*, pts. 1 and 2. London (n. d.). 1 vol., O. (*Text-book department of civil and military engineering, 1886-1895.) *Cadet Registers*, 1886, p. 31, and 1895, p. 32. (A)
- 1886-1897.** Winthrop (Col. W.): *An abridgement of military law*. 2d rev. ed. New York, 1895, 1 vol., O. (Text-book department of law, 1886-1897.) Rept. Supt. U. S. Military Academy, 1896, p. 157; *Cadet Register*, 1897, p. 32. (A)
- 1886-1899.** The classes elected class presidents.
- 1887, June 4.** The cadet mess hall officially named "Grant Hall" in honor of Gen. U. S. Grant. *Post Orders*, vol. 11, p. 355. (A)
- 1887.** Cadets' winter life sketched—Result of examinations. *N. Y. Times*, Jan. 27, 1887, p. 2, col. 4.
- Board of Visitors' report, 1887. *N. Y. Times*, Mar. 10, 1887, p. 2, col. 4.
- Examination programme. *N. Y. Times*, May 19, 1887, p. 1, col. 6.

1887. J. G. Parke's appointment proposed as Superintendent. *N. Y. Times* (ed.), May 31, 1887, p. 4, col. 2.
- Graduates and relative standing. *N. Y. Times*, June 2, 1887, p. 2, col. 1.
- Examinations, 1887. *N. Y. Times*, 1887, June 3, p. 2, col. 3; June 4, p. 5, col. 1; June 6, p. 5, col. 1; June 7, p. 2, col. 1; June 8, p. 5, col. 1; June 9, p. 2, col. 4; June 10, p. 5, col. 1.
- Second lieutenantcies vacant. *N. Y. Times*, June 5, 1887, p. 2, col. 3.
- Graduates' prospects of obtaining commissions. *N. Y. Times* (ed.), June 10, 1887, p. 4, col. 6.
- Commencement; General Sherman's speech. *N. Y. Times*, June 12, 1887, p. 9, col. 3.
- Court-martial—Civilian visitors' mistaken view of. *N. Y. Times* (ed.), June 16, 1887, p. 4, col. 1.
- Supt. J. G. Parke appointed from Engineer Corps. *N. Y. Times* (ed.), Aug. 30, 1887, p. 4, col. 4.
- Cadet examinations—Recruits—Custer massacre—F. Wilkeson's tales told in Pullman smoker. *N. Y. Times*, Oct. 23, 1887, p. 13, col. 1.
- Entering class's size, 1887. *N. Y. Times* (ed.), Sept. 5, 1887, p. 4, col. 2.
- Cadets' lives—Discipline, etc.—Carl Breter on. *N. Y. Times*, Nov. 19, 1887, p. 2, col. 3.
- Candidates' initiation ordeals. *N. Y. Times*, Oct. 9, 1887, p. 18, col. 7.
- Graduates assigned to lieutenantcies. *N. Y. Times*, June 25, 1887, p. 5, col. 1.
- General Orders, Adjutant-General's Office, No. 41. Colonel Parke appointed superintendent, vice General Merritt relieved. (A)
- Koehler (H. J.): A system of calisthenic exercises. . . . *In* Rept. Sec. War, 1889, pp. 1125-1129, ill. (A copy bound separately is in the library.) (A)
- Class of '86. First class annual of the class of '86, U. S. Military Academy. . . . For 1887. Poughkeepsie, 1887. 1 vol. O. 3 copies. (A)
- Powers, etc., of the Board of Visitors; utility of the Academy; course of studies; standard of admission; modern languages; discipline and government; daily life of cadets; appointment; competitive examinations; fiscal affairs; comparison of West Point with Woolwich and Sandhurst (p. 787); average annual cost of U. S. Military Academy (1878-1887), \$289,285.90. Rept. Board of Visitors, 1887, pp. 755-789. (A)
1887. How the time of a fourth class cadet in barracks and in camp is passed (details given). Opinions of Professor Michie on the character and scope of instruction at U. S. Military Academy (p. 847). Rept. Board of Visitors, 1887, pp. 826-827. (A)
- Williams (Charles I): West Point versus Woolwich. *In* *N. Y. World*, Sept. 25, 1887; extracts *in* Rept. Board of Visitors, 1887. (A)
- Mr. Wheeler's resolution (H. R.) to print 5,000 extra copies of the Report of the Board of Visitors for 1887. 1 p. (A)
- Annual report of the Board of Visitors to the U. S. Military Academy for 1887. Washington, 1888. (A)
- Report from Committee on Military Affairs on the Military Academy. Appropriation bill for 1887-88, Dec. 21, 1886, 2 pp. (A)
- Powers (Fred. Perry): West Point, the Army and the Militia. *In* Lippincott's Monthly Mag., July, 1887, p. 111. (A)
- Lemly (H. R., lieutenant, Third U. S. Artillery): A West Point Romance. (*Outing*, vol. 9, February, 1887, pp. 466-468.) (A)
- Periodical articles: King (Charles), U. S. Army: Cadet life at West Point. *In* Harper's New Monthly Mag., vol. 75, No. 446, pp. 196-219. (A)
- Automatic fog bell at Gee's Point installed.
- Telephone service introduced at West Point.
- Department of chemistry, mineralogy, and geology; in this year, at the suggestion of the head of department, an instructor was present each p. m. to give information to cadets applying for it. The custom is still (1902) continued and a like practice obtains in other departments.
- 1887 to —. Bass (Edgar W.) [U. S. Military Academy, 1868]: Introduction to the differential calculus. West Point, 1887. 1 vol., O. (Text-book department of mathematics, 1887 to —. Cadet Register, 1887, p. 30. (A)
- Reed (Henry A.), lieutenant, U. S. Army [U. S. Military Academy, 1870]. Topographical drawing and sketching, including applications of photography. New York, 1886. 1 vol., O. (*Text-book department of drawing, 1887 to —.) Cadet Register, 1887, p. 30. (A)
- Michie (Peter S.) [U. S. Military Academy, 1863]: Elements of analytical mechanics. 4th ed. New York,

1897. 1 vol., O. (Text-book department of natural and experimental philosophy, 1893 to —. Portion of this book relating to hydrodynamics used as text-book in department of natural and experimental philosophy, 1887 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 19; Cadet Register, 1893, p. 31. (A)
- 1887 to —.** Tillman (Samuel E.) [U. S. Military Academy, 1869]. Elementary lessons in heat. 2d ed. New York, 1892. 1 vol., O. (Text-book department of chemistry, 1887 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 106. (A)
- 1887-1891.** Brown (—): Eclectic physiology. (Text-book department of chemistry, 1887-1891.) Cadet Registers 1887, p. 31, and 1891, p. 31.
- 1887-1892.** Michie (P. S.) [U. S. Military Academy, 1863]: Elements of analytical mechanics. 4th ed. New York, 1893. 1 vol., O. (Text-book department of natural and experimental philosophy, 1887-1892.) Cadet Registers, 1887, p. 31, and 1892, p. 31. (A)
- 1887-1897.** Tillman (S. E.) [U. S. Military Academy, 1869]: Essential principles of chemistry. West Point, 1888. 1 vol., O. (Text-book department of chemistry, 1887-1897.) Cadet Registers, 1888, p. 31, and 1897, p. 31. (A)
- 1887-1898.** Blunt (Capt. Stanhope E.) [U. S. Military Academy, 1872]: (By authority) Firing regulations for small arms for the U. S. Army. New York, 1889. 1 vol., O. (*Text-book department of tactics, 1887-1898.) Rept. Supt. U. S. Military Academy, 1896, p. 127; Cadet Registers, 1887, p. 30, and 1898, p. 30. (A)
- 1888, January.** The need for a new academic building or for increased room is spoken of in the Repts. Board of Visitors 1871, 1881, 1882, 1884, 1885, 1886. Report of the academic board on the matter *in* Cong. Doc. 2603, H. R., 2029; *also* report on a new gymnasium. (A)
- 1888, May 14.** Act of Congress authorizes the admission of a cadet from Nicaragua. (A)
- 1888, July 26.** Battalion of cadets accompanied by U. S. Military Academy band proceeds by steamer to Poughkeepsie, N. Y., to participate in the centennial of the ratification of the Constitution of the United States by the State of New York. Post Orders, vol. 12, p. 21. (A)
- 1888, October 19.** Act of Congress authorizes the admission of a cadet from Switzerland. (A)
- 1888.** Cadets discharged. N. Y. Times, Jan. 26, 1888, p. 3, col. 2.
- Board of Visitors appointed—Designations. N. Y. Times, May 12, 1888, p. 1, col. 4.
- Board of Visitors arrive. N. Y. Times, June 3, 1888, p. 1, col. 6.
- Examinations, 1888. N. Y. Times, 1888, May 23, p. 2, col. 2; June 2, p. 5, col. 4; June 3, p. 5, col. 4; June 5, p. 2, col. 1; June 6, p. 5, col. 4; June 7, p. 8, col. 4; June 8, p. 8, col. 1; June 9, p. 5, col. 4; June 10, p. 3, col. 4; June 11, p. 4, col. 7; June 12, p. 5, col. 4.
- Merit roll, 1888. N. Y. Times, June 10, 1888, p. 3, col. 4.
- Second lieutenants appointed from cadet graduates. N. Y. Times, July 10, 1888, p. 3, col. 5.
- Portraits of Generals Sheridan, Grant, and Sherman presented by G. W. Childs. N. Y. Times, June 15, 1888, p. 4, col. 7.
- Cadets appointed. N. Y. Times, July 20, 1888, p. 8, col. 7.
- Board of Visitors' report, 1888. N. Y. Times (ed.), Sept. 13, 1888, p. 4, col. 2.
- Norman (T.), Cadet—Court-martial sentence remitted. N. Y. Times, Nov. 14, 1888, p. 2, col. 6.
- Department of mathematics. Problems in geometry. [n. d.] [n. p.] 1 vol., O., 20 pp. (A)
- *See* Sketch of the Life of Bvt. Brig. Gen. Sylvester Churchill, U. S. Army, New York, 1888, 1 vol., O. (Especially pp. 145, et seq. and pp. 185, et seq.) (A)
- Coulter, Stanley: Jacob Whitman Bailey. (Professor U. S. Military Academy.) 1 pam., O., 7 pp. (1888.) (A)
- Reports in regard to the proposed new academic buildings at the U. S. Military Academy . . . January, 1888. U. S. M. A. Press. 1 pam., O., 27 pp. (A)
- Addresses to the graduating class, 1888, by H. Flanders. pam., O. (A)
- West Point and the educational charities. *In* Century Mag., vol. 15, p. 424. (A)
- Letter from the Secretary of War, recommending an amendment to bill making appropriations for the Academy for 1888-89. Feb. 16, 1888. 1 p. (A)
- Estimate of an appropriation for an academic building at West Point. Feb. 29, 1888. 16 pp. (A)

1888. Annual report of the Board of Visitors to the Military Academy for 1888. Washington, 1888, 9 pp., map (A)
- Letter from the Secretary of War relative to an appropriation for a gymnasium. Apr. 9, 1888. 7 pp., 7 pls. (A)
- Report from the Committee on Military Affairs on the appropriations for the Military Academy for 1888-89. Feb. 7, 1888. 1 p. (A)
- Report from the Committee on Printing favoring the printing of 5,000 extra copies of the report of the Board of Visitors to the Military Academy for 1887. Dec. 19, 1888. 1 p. (A)
- Report from the Committee on Military Affairs on bill for the erection of an academic building and gymnasium at West Point. May 2, 1888. (A)
- Cervus, G. I.; Cut; A story of West Point. Philadelphia, 1888. 1 vol., O. (A)
- For illustrations showing cadets *see* Zogbaum R. F.; Horse, Foot and Dragoons. New York, 1888. 1 vol., O. (A)
- 1888 to —. Ludlow Henry H. [U. S. Military Academy, 1876]; Elements of trigonometry. New York, 1888. 1 vol., O. (Text-book department of mathematics, 1888 to —.) Cadet Registers, 1888, p. 30. (A)
- 1888-1890. General Orders, Adjutant-General's Office, No. 98. Cadets physical disability. (A)
- 1888-1894. Dana (James D.); Manual of mineralogy and petrography. 5th ed. New York, 1868, 1 vol., O. (Text-book department of chemistry, 1888-1894.) Cadet Registers, 1888, p. 31, and 1893, p. 31. (A)
- 1888-1900. Mahan (D. H.) [U. S. Military Academy 1824]; Permanent fortifications, revised and enlarged by James Mercur. 2d ed. New York, 1888. 1 vol., O. (Text-book department of civil and military engineering, 1888-1900.) Rept. Supt. U. S. Military Academy, 1896, pp. 131-132. (A)
- Mahan (D. H.) [U. S. Military Academy, 1824]; Permanent fortification . . . Revised and enlarged by James Mercur. Ed. of 1887. New York, 1887. 1 vol., O. (Text-book department of civil and military engineering, 1888-1900.) Cadet Registers, 1888, p. 31, and 1900, p. 32. (A)
- 1889, April 30. Battalion of cadets goes to New York City to participate in celebration of the centennial anniversary of the first inauguration of Washington as President of the United States. Post Orders, vol. 12, p. 109. (A)
- 1889, April 30. Corps of cadets in New York City (two pictures). The Centennial of Washington's Inauguration, pp. 318, 319, 321. (A)
- 1889, June 15. New collar for dress coat and new blouse for undress. [This blouse replaces the shell jacket.] Post Orders, vol. 12, p. 133. (A)
- 1889, October 3. Portraits of Generals Grant, Sherman, and Sheridan, presented by G. W. Childs, and hung in the cadet mess hall (Grant Hall). Childs; Recollections of Grant, p. 67. (A)
- 1889, October 17. The Kinsley mansion and adjacent grounds placed on cadet limits. Post Orders, vol. 12, p. 186. (A)
- 1889, November. The library contains about 37,400 volumes. Letter Book of Quartermaster U. S. Military Academy, November, 1889, p. 102. (A)
- At this time 864 interments in the post cemetery—Letter Book Quartermaster U. S. Military Academy, November, 1889, p. 191. (A)
1889. Land purchased from Kinsley's estate. N. Y. Times, Jan. 26, 1889, p. 2, col. 5.
- Parrott rifle bursts. N. Y. Times, Apr. 20, 1889, p. 4, col. 7.
- Rowing plans. New hotel proposed. N. Y. Times, May 9, 1889, p. 3, col. 2.
- Graduates' standing. N. Y. Times, 1889, May 9, p. 3, col. 2; June 11, p. 5, col. 4.
- Board of Visitors appointed. N. Y. Times, 1889, May 21, p. 5, col. 3; May 31, p. 2, col. 3.
- First class—List. N. Y. Times, May 31, 1889, p. 2, col. 3.
- Blouse adopted for use of cadets. Class album, 1890. (A)
- Examinations, 1889. N. Y. Times, June 1, p. 5, col. 5; June 3, p. 2, col. 4; June 4, p. 5, col. 1; June 7, p. 4, col. 7; June 8, p. 3, col. 4; June 9, p. 3, col. 6; June 10, p. 4, col. 7; June 11, p. 5, col. 4; June 12, p. 5, col. 2; June 13, p. 5, col. 6.
- Graduates assigned. N. Y. Times, June 26, 1889, p. 2, col. 6.
- Col. J. M. Wilson's appointment as Superintendent. N. Y. Times, 1889, July 9, p. 1, col. 1; Aug. 18, p. 16, col. 6.
- Line and engineer superintendents. Precedents. N. Y. Times (ed.), July 20, 1889, p. 4, col. 2.
- Cadets appointed, 1889. N. Y. Times, 1889, Aug. 1, p. 3, col. 2; Aug. 3, p. 3, col. 7; Aug. 10, p. 3, col. 7; Aug. 23, p. 1, col. 5; Sept. 20, p. 3, col. 3; Nov. 15, p. 3, col. 7.

1889. Cadetship for New York, twelfth Congressional district—Examinations. *N. Y. Times*, Aug. 2, 1889, p. 8, col. 4.
- Gymnasium, etc.—Building plans. *N. Y. Times*, Aug. 3, 1889, p. 1, col. 2.
- Sixth district—Appointment won by T. W. Connell. *N. Y. Times*, 1889, Aug. 11, p. 9, col. 4; Aug. 18, p. 8, col. 2.
- Officers relieved and appointed. *N. Y. Times*, Aug. 29, 1889, p. 1, col. 6.
- Young (C.), colored cadet, graduated. *N. Y. Times*, Sept. 3, 1889, p. 1, col. 2.
- Portraits of Generals Grant, Sherman, and Sheridan unveiled. *N. Y. Times*, Oct. 4, 1889, p. 1, col. 7.
- Capt. M. F. Watson, Cadetship computed in longevity pay. *N. Y. Times* (ed.), Oct. 24, 1889, p. 4, col. 2.
- Annual report, 1889. *N. Y. Times*, Nov. 16, 1889, p. 8, col. 5.
- Board of Visitors' report. *N. Y. Times* (ed.), Nov. 23, 1889, p. 4, col. 2.
- Board of Visitors' report—Changes suggested. *N. Y. Times*, Nov. 23, 1889, p. 6, col. 3; Nov. 30, p. 3, col. 2.
- September examinations for admittance to be discontinued. *N. Y. Times* (ed.), Nov. 28, 1889, p. 4, col. 6.
- Estimate for additional pay of Superintendent of U. S. Military Academy. Dec. 17, 1889. 26 Stat. L., p. 163. House Ex. Docs., 51st Cong., 1st sess., vol. 26, no. 77, 2 pp.
- Instrumentation of the U. S. Military Academy band, etc. Rept. Board of Visitors, 1889, p. 1043. (A)
- Garbage crematory built.
- Report of the Board of Visitors to the U. S. Military Academy, made to the Secretary of War, for the year 1889. Washington, 1889, 116 pp. (A)
- Report from the Committee on Military Affairs on appropriations for the Military Academy for 1889-90. Dec. 18, 1888, 7 pp. (A)
- Report of a board appointed to ascertain the value of a tract of land at West Point, proposed to be purchased for the use of the Military Academy. Jan. 25, 1889, 18 pp., 3 maps. (A)
- Letter from the Adjutant-General in regard to service of clerks to disbursing officer, etc., at the Military Academy. Jan. 11, 1889, 2 pp. (A)
- Fry, James B.: Military Miscellanies, p. 204-256. Admission to the Military Academy. 1889. (A)
- Address to the graduating class, 1889, by Hon. Cushman K. Davis. 2 copies. pam. O. (A)
- 1889 to —. Young (Charles A.): A text-book of general astronomy. Boston, 1895, 1 vol. O. (Text-book department of natural and experimental philosophy. 1889 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 19. (A)
- 1889-1890. Standing collar on cadet uniform introduced 1889 or 1890. Class album, 1890. (A)
- 1889-1891. Gymnasium built (\$90,000).
- 1889-1896. Bass, (Edgar W.) [U. S. Military Academy, 1868]: Differential calculus. Pts. 1 and 2. West Point, 1889, 1 vol. O. Text-book, department of mathematics. Pt. I, 1889-1896; Pt. II, 1893-1896. Rept. Supt. U. S. Military Academy, 1896, p. 64. (A)
- 1889-1898. Mercur, (James) [U. S. Military Academy, 1866]: Elements of the art of war. West Point, 1889, 1 vol. O. (Text-book, department of civil and military engineering, 1889-1898). Rept. Supt. U. S. Military Academy, 1896, p. 31; Cadet Register, 1898, p. 32. (A)
- 1890, June 20. Act of Congress appropriates money to purchase a row-boat to be used during instruction of cadets in swimming. (A)
- 1890, July 22. Opinion of Attorney-General in reference to rights and duties of citizen resident and visitors at West Point. Post Orders, vol. 12, p. 294. (A)
1890. Cadets appointed. *N. Y. Times*, Mar. 7, 1890, p. 6, col. 5.
- Board of visitors report. *N. Y. Times*, May 15, 1890, p. 5, col. 2.
- Board of visitors appointed. *N. Y. Times*, May 15, 1890, p. 5, col. 2.
- Examinations by academic board committee—Correspondence of Times—Programme. *N. Y. Times*, May 18, 1890, p. 2, col. 3.
- Examinations, 1890. *N. Y. Times*, 1890, June 2, p. 2, col. 3; June 3, p. 8, col. 1; June 5, p. 2, col. 6; June 6, p. 5, col. 1.
- Board of Visitors' organization completed. *N. Y. Times*, June 3, 1890, p. 6, col. 2.
- Cavalry exhibitions. Board of Visitors' subcommittees. *N. Y. Times*, 1890, June 4, p. 8, col. 1; June 1, p. 5, col. 1.
- Examination of cadets appointed for admission described. *N. Y. Times*, 1890, June 7, p. 5, col. 1; June 14, p. 1, col. 3.
- Modern weapons needed—List of graduates—Candidates for admission—Cadet's life described. *N. Y. Times*, June 8, 1890, p. 16, col. 1.

1890. Final divine service for graduating class. *N. Y. Times*, June 9, 1890, p. 1, col. 3.
- Mortar drill. *N. Y. Times*, June 10, 1890, p. 5, col. 1.
- First class cadets' standing Board of Visitors' recommendation to Congress—Increase in number of cadets—Improvement in quarters—Military gymnastics. *N. Y. Times*, 1890, June 11, p. 5, col. 4; June 12, p. 1, col. 3.
- Commencement 1890—Addresses by Doctor Hall, General Sherman, and Secretary of War Proctor. *N. Y. Times*, June 13, 1890, p. 1, col. 7.
- Cadets admitted. *N. Y. Times*, June 22, 1890, p. 2, col. 7.
- School boy drill advocated preparatory to West Point. *N. Y. Times*, June 29, 1890, p. 9, col. 7.
- Cadets appointed. *N. Y. Times*, 1890, Sept. 5, p. 3, col. 2; Sept. 12, p. 2, col. 7; Nov. 21, p. 6, col. 4.
- Cadets demand registration at Highland Falls. *N. Y. Times*, 1890, Oct. 29, p. 9, col. 4; Oct. 30, p. 2, col. 6; Nov. 1, p. 3, col. 7; Nov. 2, p. 11, col. 4.
- Supt. J. M. Wilson's annual report. *N. Y. Times*, Nov. 9, 1890, p. 13, col. 6.
- Football game with U. S. naval cadets. *N. Y. Times*, 1890, Nov. 29, p. 2, col. 4; Nov. 30, p. 1, col. 7; Dec. 1, p. 5, col. 1.
- Cadet candidates examined for Congressman Fitch Appointment made. *N. Y. Times*, 1890, Dec. 14, p. 12, col. 2; Dec. 28, p. 10, col. 6.
- Soldiers' monument proposed. *N. Y. Times*, Dec. 28, 1890, p. 9, col. 5.
- A battery of new 3.2 field guns was provided. Rept. Supt. U. S. Military Academy, 1890, p. 223. (A)
- West Point Army Mess Songs. 1 pam., O., 8 pp. [n. d., about 1890.] (A)
- Band at, reorganization of, recommended. House Repts., 51st Cong., 1st sess., vol. 8, No. 2627, 3 pp. (A)
- Commissary storehouse at, estimate of appropriation for . . . Jan. 3, 1890. House Ex. Docs., 51st Cong., 1st sess., vol. 26, No. 91, 3 pp. (A)
- Additional estimates for, 1890-91. House Ex. Docs., 51st Cong., 1st sess., vol. 31, No. 159, 4 pp. (A)
- Assistant swordmaster at; appointment of, recommended May 23, 1890. Senate bill 3097. Senate Repts., 51st Cong., 1st sess., vol. 7, No. 1127, 2 pp.; *Same*, Jan. 20, 1893. House bill 9926. 27 Stat. L., p. 515; House Repts., 52d Cong., 2d sess., vol. 1, No. 2306, 5 pp. (A)
1890. Report from the Committee on Military Affairs to accompany bill (H. R. 8152) making appropriations for the support of the Academy for 1890-91. Mar. 13, 1890. 8 pp. (A)
- Cadet hospital at, estimate for change of plumbing in . . . Apr. 22, 1890. 26 Stat. L., p. 168. House Ex. Docs., 51st Cong., 1st sess., vol. 35, No. 319, 3 pp. (A)
- Petition of officers of U. S. Army regarding appointments at large to . . . June 17, 1890. House Ex. Docs., 51st Cong., 1st sess., vol. 37, No. 444, 8 pp. (A)
- Estimate of appropriations for the Military Academy. Jan. 29, 1890. 4 pp. (A)
- House Rept. 2627, 1st sess., 51st Cong., relates to the U. S. Military Academy band. (A)
- Appointments at large to U. S. Military Academy . . . 1890. 1 pam. O. (A)
- Dorst, J. H.: Historic America, 15-18. West Point. In Ill. Amer., vol. 1, p. 375, to vol. 2, p. 38. June 7 28, 1890. (A)
- Football introduced. Army officers athletic association formed 1892. U. S. Military Academy Athletic Association formed 1893. First indoor athletic meet 1894.
- General Orders, Adjutant-General's Office, Circ. No. 10. Superintendent; leaves of absence. (A)
- General Orders, Adjutant-General's Office, Nos. 38, 95. Inspection of. (A)
- General Orders, Adjutant-General's Office, No. 46. Lieutenant-Colonel Wilson appointed superintendent. (A)
- 1890-1894. Metcalfe, (Henry) [U. S. Military Academy, 1868]: A course of instruction in ordnance and gunnery. 3d ed. New York, 1894. 1 vol., O. (Text-book department of ordnance and gunnery, 1890-1894.) Rept. Supt. U. S. Military Academy. 1896, p. 180; Cadet Registers 1890, p. 32, and 1894, p. 32. (A)
- 1891, February 17. The battalion of cadets ordered to proceed to New York City on the 19th instant to participate in the funeral ceremonies of the late Gen. W. T. Sherman. Post Orders, vol. 12, p. 380. (A)
- 1891, May 16. Order relating to cadets' shoes. Post Orders, vol. 12, p. 406. (A)

- 1891, July 9.** Gen. F. A. Walker's remarks on the U. S. Military Academy, quoted in Rept. Supt. U. S. Military Academy, 1892, p. 16. (A)
- 1891, August 18.** The battalion of cadets goes to Bennington, Vt., in connection with the dedication of the Battle Monument at that place. Post Orders, vol. 12, p. 443. (A)
- 1891.** Inspection by Gen. C. McKeever from Adjutant-General's department. Colonel Wilson's protest because not a graduate sustained. N. Y. Times, Jan. 3, 1891, p. 3, col. 3.
- Cadet appointments. N. Y. Times, Jan. 9, 1891, p. 2, col. 4.
- Board of Visitors appointed. N. Y. Times, Apr. 18, 1891, p. 1, col. 3.
- Commencement week—Programme. N. Y. Times, May 22, 1891, p. 3, col. 6.
- Examinations. N. Y. Times, 1891, June 1, p. 1, col. 1; June 2, p. 1, col. 5; June 5, p. 5, col. 4.
- Ordnance should be renewed. N. Y. Times, 1891, June 3, p. 5, col. 1; June 8, p. 5, col. 4.
- Laundry and stores inspected—Cavalry charge—Battle monument. N. Y. Times, June 4, 1891, p. 2, col. 4.
- Cavalry exhibition—Historical artillery. N. Y. Times, June 6, 1891, p. 8, col. 3.
- Cadets—Number to be doubled—Opposition. N. Y. Times, 1891, June 1, p. 5, col. 1; June 21, p. 10, col. 3.
- "Plebs" life and initiation described. N. Y. Times, June 7, 1891, p. 17, col. 5.
- Baccalaureate sermon. N. Y. Times, June 8, 1891, p. 1, col. 3.
- Electric light plant needed—Musicians' salaries reduced. N. Y. Times, June 8, 1891, p. 5, col. 4.
- Ponton bridge building—Museum. N. Y. Times, June 9, 1891, p. 5, col. 1.
- First-class standing—Base ball game—Target practice. N. Y. Times, 1891, June 10, p. 5, col. 1; June 11, p. 1, col. 3.
- Improvements needed—Discussed by Senator J. L. Pugh. N. Y. Times, 1891, June 11, p. 8, col. 6; June 15, p. 4, col. 7.
- Dress parade—Gymnastics. N. Y. Times, June 12, 1891, p. 5, col. 3.
- Maintenance of national importance. N. Y. Times (ed.), June 13, 1891, p. 4, col. 2.
- Cadet appointments to be increased. N. Y. Times (ed.), June 13, 1891, p. 4, col. 2.
- 1891.** Commencement—Mr. Burrows's address—Alumni dinner. N. Y. Times, June 13, 1891, p. 5, col. 1.
- Candidates for admittance. N. Y. Times, 1891, June 14, p. 6, col. 1; June 26, p. 2, col. 3.
- Cemetery changes—Col. J. G. Tilford on. N. Y. Times, June 21, 1891, p. 10, col. 3.
- Assignment of graduates. N. Y. Times, July 4, 1891, p. 3, col. 6.
- Cadet appointments. N. Y. Times, 1891, July 4, p. 3, col. 6; July 11, p. 3, col. 4; July 14, p. 8, col. 7; Aug. 8, p. 2, col. 3.
- Assignment of graduates. N. Y. Times (ed.), July 6, 1891, p. 4, col. 1.
- Gymnasium—Contract for furnishing. N. Y. Times, Sept. 22, 1891, p. 1, col. 4. Gymnasium described, Oct. 20, 1891, p. 6, col. 1.
- Visitors' board report suggesting changes. N. Y. Times (ed.), Oct. 12, 1891, p. 4, col. 1.
- Number of cadets to be increased and methods of appointment changed—Civilian professors' appointments—Defects in instruction—Board of visitors' report. N. Y. Times, 1891, Oct. 12, p. 2, col. 4; Oct. 14, p. 9, col. 6.
- Academic buildings—Plans. N. Y. Times, Oct. 18, 1891, p. 10, col. 1.
- Visitors' board—Course of instruction criticised—G. L. Andrews' reply regarding modern languages. N. Y. Times, 1891, Oct. 18, p. 10, col. 11; Oct. 21, p. 4, col. 7.
- Adjutant's autograph board. N. Y. Times, Oct. 27, 1891, p. 7, col. 1.
- Supt. J. M. Wilson's report. N. Y. Times, Oct. 28, 1891, p. 2, col. 3.
- Number of cadets increased—Superintendent Wilson's suggestion. N. Y. Times (ed.), Oct. 31, 1891, p. 4, col. 2.
- Examinations for entrance to be conducted at army posts. N. Y. Times, Nov. 28, 1891, p. 8, col. 2.
- Cavalry teaching described. N. Y. Times, Nov. 29, 1891, p. 15, col. 3.
- Examinations for admission to be held at army posts. N. Y. Times (ed.), Dec. 1, 1891, p. 4, col. 2.
- Examinations—Post board—List—Questions. N. Y. Times, Dec. 11, 1891, p. 10, col. 2.
- List of portraits of officers in the cadet mess hall [some have since been moved to memorial hall]. Rept. Board of Visitors, pp. 850-851. (A)
- Military Academy, West Point, N. Y., additional appropriation for, recommended Jan. 29, 1891. House

- Ex. Docs., 51st Cong., 2d sess., vol. 36, no. 223, 3 pp. (A)
- 1891.** Report of the Board of Visitors to the West Point Academy, Dec. 14, 1891. Washington, 1891. 122 pp., 11 pls. (A)
- Estimate of appropriation for pay of the Superintendent of the Military Academy for the fiscal year 1891. Dec. 21, 1889. 2 pp. (A)
- Board of Visitors to, report of, 1891 . . . Dec. 14, 1891. Senate Misc. Docs., 52d Cong., 1st sess., vol. 2, No. 19, 122 pp., 11 pls. (A)
- Report from the Committee on Printing favoring resolution to print 2,500 copies of the Report of the Visitors to the Military Academy, 1891. Dec. 22, 1891. 1 p. (A)
- Appropriations for, report on, 1891-92. Jan. 6, 1891. House bill 12922. 26 Stat. L., p. 816. House Repts., 51st Cong., 2d sess., vol. 1, No. 3365, 8 pp. (A)
- Annual report of the Superintendent of the U. S. Military Academy, 1891. Washington, 1891. 24 pp. (A)
- Fourth of July oration, 1891, by Cadet J. McAuley Palmer. pam., O. (A)
- The West Point affair. *In Century Mag.*, vol. 20, p. 462.
- Cavalry barracks built near cadet riding hall.
- Athletic clothing adopted by cadets in the fall of 1891. Foot-ball photo. in class album, 1892. (A)
- Johnson (William Woolsey): The theory of errors and method of least squares. 1st ed. New York, 1896. 1 vol., O. (Text-book department of mathematics, 1891.) Cadet Register, 1891, p. 30. (A)
- See Bailey (Prof. William Whitman): *My Boyhood at West Point* . . . Providence, 1891. 38 pp. 1 pam., O. (A)
- 1891 to —.** Michie (P. S.) [U. S. Military Academy, 1863] and Harlow (F. S.) [U. S. Military Academy, 1879]: *Practical astronomy*. 2d ed. New York, 1893. 1 vol., O. (Text-book department natural and experimental philosophy, 1891 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 19. (A)
- 1891-1894.** Third Academic building demolished in the summer of 1891 and in 1892. Academic exercises were carried on during 1892-1894 in the ninth and tenth divisions in the angle of cadet barracks, in the library, and in two rooms of the administration building. The fourth academic building was occupied in 1895. It cost \$500,000.
- 1891-1895.** General Orders, Adjutant-General's Office, Circ. Nos. 13, 1891; 10, 1895. Cadet service to be counted for retirement. (A)
- 1892, March 1.** Entrance examinations for candidates held, by order of the Secretary of War, at various points throughout the United States. Rept. Supt. U. S. Military Academy, 1892, p. 4. (A)
- 1892, June.** Appointments and examinations; discipline and instruction; armament and equipment; buildings and grounds; supplies and expenditures for cadets; bills of fare given in full; fiscal affairs; address of Hon. J. H. Outhwaite to the graduating class; address of the Secretary of War. Rept. Board of Visitors, 1892. (A)
- 1892, October 12.** The battalion of cadets proceeds to New York for the purpose of participating in the New York Columbian Celebration. Post Orders, vol. 13, p. 73. (A)
- 1892.** Examinations (semiannual). *N. Y. Times*, 1892, Jan. 6, p. 3, col. 3; Jan. 14, p. 3, col. 2.
- Cadets appointed—List. *N. Y. Times*, 1892, Jan. 8, p. 2, col. 3; Jan. 29, p. 3, col. 2; Feb. 19, p. 3, col. 6.
- Appointees' examinations—Schedule. *N. Y. Times*, Feb. 14, 1892, p. 16, col. 7.
- Board of Visitors appointed. *N. Y. Times*, Apr. 2, 1892, p. 3, col. 5; May 10, 1892, p. 3, col. 2. Report, Jan. 6, 1893, p. 3, col. 3. House subcommittee's recommendations, June 14, 1892, p. 1, col. 2.
- Graduation—Order of exercises. *N. Y. Times*, May 19, 1892, p. 1, col. 4.
- Graduation exercises, 1892. *N. Y. Times*, 1892, May 31, p. 1, col. 6; June 1, p. 4, col. 7; June 2, p. 1, col. 3; June 3, p. 8, col. 1; June 4, p. 5, col. 4; June 5, p. 8, col. 1; June 6, p. 5, col. 1; June 7, p. 9, col. 1; June 8, p. 3, col. 1; June 9, p. 8, col. 1; June 10, p. 8, col. 1; June 11, p. 3, col. 5; June 12, p. 16, col. 4; June 13, p. 10, col. 1.
- Battle Monument history. *N. Y. Times*, June 3, 1892, p. 8, col. 1.
- Ponton bridge constructed. *N. Y. Times*, June 4, 1892, p. 5, col. 4.
- Cavalry charge—Portraits in Grant Hall. *N. Y. Times*, June 5, 1892, p. 8, col. 1.
- Tablets in the chapel described. *N. Y. Times*, June 6, 1892, p. 5, col. 1.
- Cadets' mounted drill—Graduating class' standing. *N. Y. Times*, June 7, 1892, p. 9, col. 1.

- 1892.** Flirtation walk—Light battery drill—Improvements needed—Cadet quartermaster's stores. *N. Y. Times*, June 8, 1892, p. 3, col. 1.
- Fourth class—List. *N. Y. Times*, 1892, June 9, p. 8, col. 1; June 26, p. 9, col. 6.
- Library presented by E. C. Spofford to the West Point Army Mess. *N. Y. Times*, June 9, 1892, p. 8, col. 4.
- Review—Fourth class admitted. *N. Y. Times*, June 9, 1892, p. 8, col. 1.
- Cadets' standing by classes. *N. Y. Times*, June 10, 1892, p. 6, col. 3.
- Baseball game—Graduation parade. *N. Y. Times*, June 11, 1892, p. 3, col. 5.
- Graduation ceremonies—Addresses by Secretary Elkins, Mr. Outhwaite, and General Schofield. *N. Y. Times*, June 12, 1892, p. 16, col. 4.
- Camplife—Whitetrousers—Stock, 1892. *N. Y. Times*, June 13, 1892, p. 10, col. 1.
- Graduates assigned. *N. Y. Times*, June 27, 1892, p. 5, col. 6.
- Cadets at large appointed. *N. Y. Times*, July 3, 1892, p. 8, col. 7.
- Cadets appointed for 1893. *N. Y. Times*, 1892, July 8, p. 3, col. 5; July 15, p. 3, col. 2.
- Graduates assigned to regiments. *N. Y. Times*, 1892, July 10, p. 3, col. 2; Aug. 2, p. 2, col. 7.
- Board of Visitors' report [ed.]—Increase of cadets deprecated. *N. Y. Times*, 1892, July 16, p. 4, col. 5; July 29, p. 4, col. 2.
- Cadets to be increased—Board of Visitors' report. *N. Y. Times*, July 25, 1892, p. 3, col. 6.
- Modern language professorship; candidates for. *N. Y. Times*, July 26, 1892, p. 4, col. 7.
- Army mess officers elected. *N. Y. Times*, Oct. 16, 1892, p. 19, col. 7.
- Cadetship—Appointment in Eleventh Congressional district—Examinations. *N. Y. Times*, Dec. 4, 1892, p. 20, col. 2.
- General Orders, Adjutant-General's Office, No. 56. Memorial hall. (A)
- Associate professor of mathematics at, provision for, recommended . . . Dec. 15, 1892. 27 Stat. L., p. 515, House Ex. Docs., 52d Cong., 2d sess., vol. 30, No. 133, 5 pp. (A)
- Report from the Committee on Military Affairs, etc., on bill making appropriations for the Military Academy for 1892-93. 2+4 pp. (A)
- 1892.** Extract from proceedings of the Academic board concerning an associate professor of mathematics. Dec. 17, 1892. 5 pp. (A)
- Report from Committee on Military Affairs favoring bill to fix the rank of the master of the sword. May 17, 1892. 3 pp. (A)
- Master of sword at, ranking of, as first lieutenant, recommended . . . May 17, 1892, House bill 5448; House Repts., 52d Cong., 1st sess., vol. 5, No. 1414, 3 pp. (A)
- Duffield, Rev. Howard; Address . . . delivered Feb. 25, 1892, before the corps of cadets of the U. S. Military Academy, upon the occasion of the presentation of Bibles to the first class . . . West Point, 1892. 1 pam., O. (A)
- Michie, P. S. Educational methods at West Point. (*In* Ed. Rev., vol. 4, No. 19, November, 1892.) pp. 350-365. (A)
- Memorial Hall at, bequest of G. W. Cullum, report on, May 24, 1892, 27 Stat. L., p. 262, Senate Ex. Docs., 52d Cong., 1st sess., vol. 6, No. 103, 9 pp. Acceptance recommended July 21, 1892. Senate bill 3406, 27 Stat. L., p. 262; Senate Repts., 52d Cong., 1st sess., vol. 5, No. 1038, 3 pp. (A)
- Catalogue of the more prominent military works added to the library, U. S. Military Academy, January, 1882, to August, 1892. West Point, U. S. Military Academy press and bindery, 1893. 1 pam., O., 64 pp. (A)
- Manual of calisthenic exercises (U. S. Army). By authority of the War Department. (By Herman J. Koehler, master of the sword, U. S. Military Academy.) Washington, 1892. 1 pam., O. (A)
- Department of drawing: Rules for technical drawing. n. p., n. d. 1 vol., O., pp. 29. (A)
- Burnham, Clara L.; Miss Bagg's Secretary; A West Point Romance. Boston, 1892. 1 vol., O. (A)
- 1892 to —.** Ludlow (Henry H.) [U. S. Military Academy, 1876]: Elements of trigonometry, with logarithmic and other tables. 3d ed. New York, 1893. 1 vol., O. (Text-book department of mathematics, 1892 to —.) Cadet Register, 1892, p. 30. (A)
- Tracy (Roger S., M. D.): The essentials of anatomy, physiology, and hygiene. New ed. New York, 1886. 1 vol., O. (Text-book department of chemistry, 1892 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 106. (A)

- 1892 to —.** U. S. Army infantry drill regulations. (Text-book department of tactics, 1892 to —.) Cadet Register, 1891, p. 31.
- Ingalls (James M.): Course of instruction for artillery gunners. Ballistics, with supplement. Washington, 1893, 2 vols., O. (Text-book department of ordnance and gunnery, 1892 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 180; Cadet Register, 1892, p. 32. (A)
- 1892-93.** List of casualties to cadets due to football, riding, and gymnastics. Football produces from 20 to 100 times as many accidents as riding and gymnastics. Rept. Board of Visitors, 1894, pp. 56-58. (A)
- 1892-1894.** Mercur (James) [U. S. Military Academy, 1866]: Military mining. n. p., n. d. 1 vol., O. (Text-book department of civil and military engineering, 1892-1894.) Cadet Registers, 1892 and 1894, pp. 31. (A)
- 1892-1896.** Use of a battalion color for the corps of cadets reintroduced; leggings introduced, etc. Rept. Supt. U. S. Military Academy, 1896, p. 127. (A)
- 1892-1900.** Davis (George B.) [U. S. Military Academy, 1871]: Outlines of international law, with an account of its origin and sources and of its historical development. New York, 1887. 1 vol., O. (Text-book department of law, 1892-1896, and department of law and history, 1896-1900.) Cadet Registers, 1892, 1896, 1900, pp. 31 and 32. (A)
- 1893, March 1.** Act of Congress authorizes the appointment of an associate professor of mathematics, U. S. Military Academy. Also new platforms for new 8-inch rifle and for 12-inch B. L. mortar, etc. (A)
- 1893, June 12.** Address to the graduating class by Hon. Chas. S. Fairchild. Rept. Board of Visitors, pp. 29-31. (A)
- 1893, August 17.** The battalion of cadets proceeds to Chicago and encamps upon the grounds of the World's Columbian Exposition until Aug. 28, 1893. Post Orders, vol. 13, p. 174. (A)
- 1893, August 17-28.** Visit of the corps of cadets to the World's Columbian Exposition at Chicago. Rept. Supt. U. S. Military Academy, 1893, p. 7; *ibid.*, 1896, p. 126. (A)
- 1893, September 22.** By authority of Secretary of War drill on Wednesday afternoons for the corps of cadets suspended. Post Orders, vol. 13, p. 188. (A)
- 1893, September 26.** The library contains 36,062 bound volumes and 5,328 pamphlets. Rept. Supt. U. S. Military Academy, 1893, p. 753. (A)
- 1893, September 29.** Riding trousers of gray kersey reenforced, and to extend as far as top of shoe, buttoned below the knee; to be worn with brown canvas leggings. Post Orders, vol. 13, p. 191. (A)
- 1893, November 23.** Slight changes made in cadet overcoat. Post Orders, vol. 13, p. 205. (A)
- 1893.** Appointments—Examinations—List. N. Y. Times, Feb. 21, 1893, p. 5, col. 4.
- Board of Visitors appointed. N. Y. Times, Mar. 2, 1893, p. 8, col. 1. Needs explained to them, June 6, 1893, p. 8, col. 3. Report, June 12, 1893, p. 9, col. 5.
- Cadets' horsemanship. N. Y. Times, Mar. 4, 1893, p. 6, col. 1.
- Cadet from Thirteenth Congressional district; examination for appointment. N. Y. Times, May 8, 1893, p. 11, col. 7.
- Cadet appointments. N. Y. Times, 1893, May 12, p. 2, col. 5; June 3, p. 8, col. 1.
- Examination programme. N. Y. Times, May 19, 1893, p. 11, col. 4.
- Italian Admiral Magnaghi's visit. N. Y. Times, May 24, 1893, p. 4, col. 6.
- First class; standing. N. Y. Times, June 1, 1893, p. 9, col. 7; June 10, p. 8, col. 3.
- Martinet instructors—Revolt in 1880 described. N. Y. Times, June 5, 1893, p. 5, col. 3.
- "McKinney paralyzed"—History. N. Y. Times, June 7, 1893, p. 3, col. 3.
- Commencement week, 1893—Artillery drill. N. Y. Times, June 8, 1893, p. 2, col. 2. Infantry drill, June 10, 1893, p. 8, col. 3.
- Graduates' assignments—Injustice of method. N. Y. Times, June 9, 1893, p. 5, col. 3. Assignments defended by Secretary Lamont, June 28, 1893, p. 4, col. 6.
- Alumni Association meeting—Gymnastic exhibition. N. Y. Times, June 10, 1893, p. 8, col. 1.
- Commencement week, 1893. N. Y. Times, 1893, June 2, p. 5, col. 3; June 3, p. 8, col. 1; June 4, p. 2, col. 3; June 8, p. 2, col. 2; June 9, p. 5, col. 3; June 10, p. 8, col. 3; June 11, p. 2, col. 4; June 12, p. 9, col. 5; June 13, p. 2, col. 6.
- Alumni Association annual meeting—Maj. R. Anderson's portrait ac-

- cepted—Miss Curtis's death. *N. Y. Times*, June 10, 1893, p. 8, col. 3.
- 1893.** Adjutant's desk—List of incumbents. *N. Y. Times*, June 11, 1893, p. 2, col. 4.
- Commencement day. *N. Y. Times*, June 13, 1893, p. 2, col. 6.
- Class of 1897. List of candidates. *N. Y. Times*, June 14, 1893, p. 11, col. 3.
- Cadets (11) discharged. *N. Y. Times*, June 15, 1893, p. 1, col. 6.
- Count Reventlow's visit. *N. Y. Times*, June 19, 1893, p. 9, col. 7.
- Admission examinations. *N. Y. Times*, June 20, 1893, p. 8, col. 4.
- Peekskill camp of instruction; visited by cadets, 1893. *N. Y. Times*, June 23, 1893, p. 2, col. 4.
- Cadets visit World's Fair—Portraits of Colonel Mills and Capt. W. F. Spurgin. *N. Y. Times*, 1893, July 24, p. 5, col. 6; July 26, p. 4, col. 5; Aug. 17, p. 9, col. 7; Aug. 20, p. 2, col. 5; Aug. 21, p. 5, col. 7; Aug. 22, p. 5, col. 4; Aug. 23, p. 5, col. 3; Sept. 3, p. 16, col. 4.
- "Times" notes. *N. Y. Times*, 1893, Aug. 6, p. 2, col. 7; Sept. 17, p. 20, col. 4; Sept. 24, p. 19, col. 5; Oct. 2, p. 9, col. 5; Oct. 9, p. 9, col. 4.
- Cadets—Increased number, recommended by Board of Visitors. *N. Y. Times* (ed.), Aug. 19, 1893, p. 4, col. 1.
- Cadet court-martialed for leaving World's Fair camp—Resignation not accepted by Secretary of War. *N. Y. Times*, 1893, Sept. 17, p. 2, col. 6; Sept. 17, p. 20, col. 4; Sept. 18, p. 8, col. 5; Sept. 20, p. 3, col. 1.
- Distinguished students—List. *N. Y. Times*, Sept. 24, 1893, p. 19, col. 5.
- Gymnasium built—Cuts—Description. *N. Y. Times*, Oct. 15, 1893, p. 20, col. 1.
- Academic buildings (new), described—Cuts of old buildings. *N. Y. Times*, Nov. 12, 1893, p. 21, col. 6.
- Superintendent's annual report—Football criticised. *N. Y. Times*, Nov. 18, 1893, p. 2, col. 3.
- Examinations late. *N. Y. Times*, Dec. 19, 1893, p. 12, col. 4.
- General Orders, Adjutant-General's Office, No. 29. Associate professor of mathematics to be appointed, etc. (A)
- Postlethwaite (Professor): Historical literature with comments of the best authorities. West Point, 1893, 1 vol., O, p. 29. (A)
- Reminiscences of cadet and army service, 1893: New York State Con- mandery M. O. L. L. U. S. Personal recollections of the war of the rebellion. (A)
- 1893.** Report from committee on appropriations to accompany bill for the support of the Academy for 1893-94; Feb. 15, 1893, 6 pp. (A)
- Fourth of July oration, 1893, by Cadet Ladue. pam., O. (A)
- Constitution of the Young Men's Christian Association. 1 pam., O. 1893. (A)
- Extract from the Report of the Superintendent of the U. S. Military Academy, to the Adjutant-General of the Army, upon the subject of athletic sports as practiced at the Academy. 1893. 1 pam., O., 9 pp. (A)
- Burnham, Lieut. W. P., U. S. Army: Three roads to a commission in the U. S. Army. New York, 1893, 1 vol., O. (A)
- 1893 to —.** Meiklejohn (J. M. D.): The English language, its grammar, history, and literature. Boston, Chicago, New York, 1896, 1 vol., O. (Text-book department of modern languages, 1893 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 145. (A)
- Roget (Peter Mark): Thesaurus of English words and phrases. London, 1860, 1 vol., O. (*Text-book department of modern languages, 1893. to —.) Rept. Supt. U. S. Military Academy, 1896, p. 145. (A)
- Smith (Charles John): Synonyms discriminated. A dictionary of synonymous words in the English language. New ed. London, 1882, 1 vol., O. (*Text-book department of modern languages, 1893 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 145. (A)
- Williams (William): Composition and rhetoric by practice. Rev. and enl'd. Boston, 1898, 1 vol., O. (Text-book department of modern languages, 1893 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 145. (A)
- 1893-94.** Athletics at the U. S. Military Academy; and special report by the Superintendent U. S. Military Academy (Col. O. H. Ernst). Rept. Supt. U. S. Military Academy, 1894, pp. 7-8, 25-28. (A)
- 1893-94 and from 1895.** De Peiffer (Jean): French pronunciation; rules and practice. 5th ed. New York, 1891, 1 vol., O. (*Text-book department of modern languages, 1893-1894; ditto from 1895.) Rept. Supt. U. S. Military Academy, 1896, p. 146; Cadet Registers, 1894 and 1895, pp. 30. (A)

- 1893-1898.** Bruff (Lawrence L.) [U. S. Military Academy, 1876]: Gunpowder and interior ballistics. West Point, 1892, 1 vol., O. (Text-book department of ordnance and gunnery, 1893-1898.) Cadet Registers, 1893 and 1898, pp. 32. (A)
- During most of these years reveille and tattoo calls were sounded in the area of cadet barracks by one drummer and one fifer only. All the field musicians did not sound the calls as formerly and subsequently from the Sedgwick statue and across the plain.
- 1893 1900.** Mantilla (Luis F.): Libro de Lectura No. 3. New York, 1865, 1 vol., O. (Text-book department of modern languages, 1893-1900.) Rept. Supt. U. S. Military Academy, 1896, p. 147; Cadet Register 1900, p. 30. (A)
- 1894, April 4.** Usual Saturday afternoon privileges granted to cadets on Wednesdays from 4 p. m. until retreat. Post orders, vol. 13, p. 247. (A)
- 1894, May 1.** Orders U. S. C. C. (blue book) 1 vol. O. (A)
- 1894, June.** Detailed instructions and programme for examinations. Rept. Board of Visitors, p. 63. (A)
- 1894, July 26.** Act of Congress: Officers not to return to U. S. Military Academy as instructors until two years after graduation. (A)
- 1894, Summer of.** Rain coat made part of the cadet uniform.
- Hospital described. Cut. N. Y. Times, Jan. 7, 1894, p. 17, col. 5.
- Pay of two cadets stopped during their suspension. N. Y. Times, Jan. 20, 1894, p. 1, col. 6.
- Cadets found deficient discharged. N. Y. Times, Jan. 20, 1894, p. 1, col. 6.
- Foreign cadets' list. N. Y. Times, Jan. 24, 1894, p. 9, col. 4.
- General merit roll announced. N. Y. Times, Jan. 25, 1894, p. 2, col. 4.
- Cadets at large and others appointed. N. Y. Times, 1894, Feb. 4, p. 11, col. 7; Feb. 9, p. 2, col. 3.
- Battle Monument shaft arrives. N. Y. Times, 1894, Jan. 18, p. 6, col. 3; Jan. 19, p. 12, col. 1. Cut Description, Feb. 4, 1894, p. 20, col. 5.
- Cadetship—Candidates to be examined near homes. N. Y. Times, Feb. 14, 1894, p. 1, col. 4.
- Cadets' Lists—Examinations at army posts. N. Y. Times, 1894, Feb. 22, p. 8, col. 4; Mar. 23, p. 5, col. 4.
- Cemetery—Monuments—Inscriptions on General Scott's. Cuts. N. Y. Times, Feb. 25, 1894, p. 20, col. 1.
- 1894, Summer of.** "In Old Vienna" opera. N. Y. Times, Feb. 26, 1894, p. 2, col. 4.
- Third-class—Committees. N. Y. Times, Mar. 16, 1894, p. 10, col. 6.
- Officers' details changed. N. Y. Times, 1894, Mar. 18, p. 11, col. 4; Apr. 2, p. 9, col. 5.
- War relics at Trophy Point. Cuts. N. Y. Times, Apr. 8, 1894, p. 20, col. 6.
- Board of Visitors. N. Y. Times, Apr. 30, 1894, p. 13, col. 7.
- Board of Visitors—Committees appointed—Captain Craig's portrait. N. Y. Times, 1894, May 3, p. 1, col. 4; June 3, p. 8, col. 2; June 4, p. 3, col. 3.
- Visitors appointed—Usefulness queried. N. Y. Times, 1894, May 3, p. 1, col. 4; June 3, p. 8, col. 2; June 4, p. 3, col. 3.
- Army vacancies for graduates. N. Y. Times, May 5, 1894, p. 8, col. 2.
- Times's notes. N. Y. Times, 1894, May 7, p. 9, col. 6; May 27, p. 21, col. 6; June 18, p. 3, col. 7.
- Commencement week, 1894—Programme. N. Y. Times, 1894, May 21, p. 9, col. 5; June 7, p. 4, col. 5.
- Bash (L. H.)—Court-martial finding. N. Y. Times, May 28, 1894, p. 13, col. 3.
- Mills (Col. S. M.) N. Y. Times, June 2, 1894, p. 9, col. 3.
- Senior class list. N. Y. Times, June 2, 1894, p. 9, col. 3.
- Examinations. N. Y. Times, 1894, May 20, p. 12, col. 5; June 2, p. 9, col. 3.
- Officers who will leave. N. Y. Times, June 4, 1894, p. 4, col. 7.
- Ponton bridge constructed. N. Y. Times, June 5, 1894, p. 8, col. 3.
- Mitchell (Cadet W. H.)—Portrait of. N. Y. Times, June 5, 1894, p. 8, col. 3.
- Horseback riding exhibition. N. Y. Times, June 6, 1894, p. 2, col. 6.
- Carson (Lieut. J. M.)—Portrait. N. Y. Times, June 6, 1894, p. 2, col. 6.
- Seacoast Battery drill. N. Y. Times, June 7, 1894, p. 9, col. 5.
- Ladue's (W. B.)—Portrait. N. Y. Times, June 7, 1894, p. 9, col. 5.
- Barden (W. B.)—Portrait. N. Y. Times, June 8, 1894, p. 9, col. 5.
- Battalion drill. N. Y. Times, June 8, 1894, p. 9, col. 5.
- Gun practice. N. Y. Times, June 9, 1894, p. 9, col. 7.
- Pence (W. P.)—Portrait. N. Y. Times, June 9, 1894, p. 9, col. 7.

- 1894, Summer of.** Dyer (Lieut. A. B.)—Portrait. *N. Y. Times*, June 10, 1894, p. 8, col. 1.
- First Class—Standing. *N. Y. Times*, June 10, 1894, p. 8, col. 1.
- Cavalry drill—Cuts. *N. Y. Times*, June 10, 1894, p. 16, col. 5.
- Williams (C. C.)—Portrait. *N. Y. Times*, June 11, 1894, p. 1, col. 1.
- Drill in extended order. *N. Y. Times*, June 12, 1894, p. 2, col. 6.
- Commencement. *N. Y. Times*, June 13, 1894, p. 9, col. 3.
- Marriage of a graduated cadet. *N. Y. Times*, June 13, 1894, p. 1, col. 4.
- Graduates' assignments. *N. Y. Times*, June 16, 1894, p. 1, col. 2.
- Graduates nominated for second lieutenants. *N. Y. Times*, June 22, 1894, p. 2, col. 3.
- Graduates assigned as second lieutenants. *N. Y. Times* (ed.), June 25, 1894, p. 4, col. 2.
- Hazing—W. S. Valentine arrested. *N. Y. Times*, 1894, July 5, p. 10, col. 2; Oct. 11, p. 9, col. 3.
- Cadets dismissed after examinations. *N. Y. Times*, July 6, 1894, p. 1, col. 4.
- Fight between cadets. *N. Y. Times*, July 9, 1894, p. 8, col. 4.
- Cadet arrested—Hazing. *N. Y. Times*, 1894, July 15, p. 10, col. 2; Oct. 11, p. 9, col. 3.
- Cadet appointed. *N. Y. Times*, 1894, Aug. 10, p. 8, col. 4; Aug. 31, p. 1, col. 4; Nov. 9, p. 1, col. 6; Dec. 7, p. 1, col. 5.
- Times's notes, 1894. *N. Y. Times*, 1894, Aug. 19, p. 12, col. 6; Dec. 24, p. 9, col. 3; Dec. 31, p. 10, col. 2.
- "Color line" abolished—Cadets' disorderly protest. *N. Y. Times*, Aug. 29, 1894, p. 31, col. 3.
- Camp life described—Cut of tent. *N. Y. Times*, Sept. 2, 1894, p. 24, col. 1.
- Football restricted to home games. *N. Y. Times*, 1894, Oct. 25, p. 3, col. 4; Oct. 28, p. 6, col. 4.
- Grant Hall, academy building, and barracks described—Cuts. *N. Y. Times*, Oct. 28, 1894, p. 25, col. 1.
- Reminiscences of Sergeant Owens and Benny Havens—Portraits. *N. Y. Times*, Nov. 25, 1894, p. 21, col. 5.
- Board of Visitors report presented to Congress—Recommendations. *N. Y. Times*, Dec. 14, 1894, p. 13, col. 6.
- Dade Monument history—Cut. *N. Y. Times*, Dec. 24, 1894, p. 9, col. 5.
- 1894, Summer of.** Colonel Ernst's portrait. *N. Y. Times*, —, 4, 1894, p. 4, col. 7.
- Detailed list of trophy guns, etc., in the ordnance museum. Revolutionary; Mexican; civil war. Rept. Board of Visitors, 1894, pp. 36-8. (A)
- Hours employed in recitations and studies by the cadets in each department for four years: Mathematics, 2,007 hours (1,800 in 1902); modern languages, 1,375 (1,400 in 1902); engineering, 1,003 (1,000); natural and experimental philosophy, 1,003 (950); chemistry, 565 (650); law and history, 403 (550); drawing, 473 (475); ordnance, 277 (300 in 1902). Rept. Board of Visitors, 1894, p. 27. (A)
- Address of Gen. John C. Black. Rept. Board of Visitors, 1894, p. 10. (A)
- New cadets are now clothed at once in uniform. Rept. Board of Visitors, 1894, p. 60. (A)
- Rept. of the teacher of music on the U. S. Military Academy band. Rept. Board of Visitors, pp. 79-80. (A)
- Regulations for the U. S. Military Academy at West Point . . . Washington, Government Printing Office, 1894 [1899]. xiii, 88 pp., 12°.
- General Orders, Adjutant-General's Office, No. 37. Assignment or detail of graduates as professors or instructors. (A)
- Memories of '94. [Newburgh] n. d., 1 vol., O. pp. 61. (A)
- Report from the Committee on Military Affairs to accompany bill making appropriations for the Military Academy for 1894-5; Feb. 20, 1894. (A)
- F. A. Mitchel, late Captain and Aid-de-camp, U. S. Volunteers. How to make West Point more useful. *In* *N. Amer. Rev.*, vol. 159, 1894, pp. 61-66. (A)
- Annual report of the Board of Visitors to the United States Military Academy for 1894, 80 pp. O. (A)
- "Cadets at play, by a West Point yearling." *In* *The Ill. Amer.*, Jan. 26, 1895, pp. 98-100. (A)
- Communication relative to asphalt walks at the Academy; Mar. 27, 1894, 1 p. (A)
- A celebration at West Point by American Poles of the one hundredth anniversary of Kosciusko's leadership of the Polish insurrection of 1794. A commemorative medal was given to each cadet. (A)
- Alphabetical list of periodicals in the U. S. Military Academy library. Subscribed for [or regularly presented] in 1894. 1 sheet. F. (A)

- 1894, Summer of.** Fourth of July oration, 1894, by Cadet H. A. White. 8 pp. pam. O. (A)
- Examinations, semiannual, pam. O. January, 1894. (A)
- Soldiers' hospital built. (C)
- First macadamized roadways made.
- King, Capt. Charles. *Cadet Days: A Story of West Point.* 1894. 1 vol., O. (A)
- See Bourget, Paul; *Outre Mer*, vol. 2, pp. 122 et seq. (A)
- 1894 and 1899.** Itemized tables giving the average monthly expenses of cadets of first, second, and third classes. Rept. Board of Visitors, 1900, p. 28. (A)
- 1894-1900.** Tillman, (S. E.) [U. S. Military Academy, 1869]: Elementary text-book of mineralogy. (Text-book department of chemistry, 1894-1900.) *Cadet Registers 1894 and 1900*, pp. 31. (A)
- 1894-1902.** See Report of the Adjutant-General, U. S. Army. (A)
- 1894 to date.** Alphabetical register of appointment of cadets (on cards). (Prior to 1894 in books.) A. G. O., O. M. A.
- Cadet register by States and districts. (On cards.) (Before 1894 in books.) *In* A. G. O., O. M. A.
- 1895, January 16.** The first recitation in the new academic building took place. Rept. Supt. U. S. Military Academy, 1895, p. 825. (A)
- 1895, June.** Address to the graduating class by Hon S. L. Milliken. *In* Rept. Board of Visitors, pp. 161-166. (A)
- 1895, September 1.** The library contains 35,203 volumes and 5,914 pamphlets. Rept. Supt. U. S. Military Academy, 1895, p. 822. (A)
- 1895, September 12.** Call to quarters at 3 p. m. on Sundays discontinued. Post Orders, vol. 13, p. 438. (A)
- 1895.** Cadets appointed—List. N. Y. Times, 1895, Jan. 4, p. 1, col. 3; Feb. 1, p. 13, col. 5; Feb. 8, p. 1, col. 2; Feb. 15, p. 10, col. 7; Feb. 22, p. 1, col. 2; Mar. 1, p. 8, col. 2; Apr. 5, p. 1, col. 7; May 3, p. 4, col. 7; May 10, p. 14; May 17, p. 1, col. 6; May 24, p. 1, col. 2; June 14, p. 2, col. 5.
- "Times" notes. N. Y. Times, 1895, Jan. 7, p. 10, col. 2; Jan. 14, p. 9, col. 6; Jan. 21, p. 10, col. 5; Jan. 28, p. 3, col. 7; Feb. 4, p. 5, col. 2; Feb. 10, p. 17, col. 4; Feb. 18, p. 10, col. 6; Mar. 4, p. 12, col. 5; Mar. 11, p. 9, col. 6; May 2, p. 7, col. 5; June 30, p. 13, col. 2.
- 1895.** Examinations—Cadets standing. N. Y. Times, 1895, Jan. 11, p. 3, col. 6; Jan. 14, p. 9, col. 6.
- Law department—Prof. Lieut. J. A. Cole appointed. N. Y. Times, Feb. 6, 1895, p. 1, col. 6.
- Appointees' examining boards appointed at various forts. N. Y. Times, Feb. 13, 1895, p. 3, col. 4.
- Cadets appointed after Congressmen's terms expired declared illegal. N. Y. Times, 1895, Mar. 8, p. 6, col. 5; Apr. 26, p. 1, col. 4.
- Cadets who have passed entrance examinations—List. N. Y. Times, Mar. 29, 1895, p. 10, col. 3.
- "Hundredth night" and "Color line" entertainments described. N. Y. Times, April 21, 1895, p. 29, col. 5.
- Class of 1855 Reunion. N. Y. Times, May 4, 1895, p. 9, col. 4.
- Commencement week—Programme. N. Y. Times, May 16, 1895, p. 6, col. 2.
- Graduates who will not receive full commissions. N. Y. Times, May 22, 1895, p. 10, col. 2.
- Graduates' list. N. Y. Times, May 22, 1895, p. 10, col. 2.
- Gurney (J. A.)—Portrait. N. Y. Times, June 4, 1895, p. 2, col. 2.
- Examinations—Board of Visitors' subcommittees—List. N. Y. Times, June 3, 1895, p. 9, col. 5.
- Examinations, 1895. N. Y. Times, 1895, June 4, p. 2, col. 2; June 5, p. 9, col. 1; June 6, p. 3, col. 1; June 7, p. 9, col. 1; June 8, p. 13, col. 7; June 9, p. 11, col. 1; June 10, p. 8, col. 3; June 11, p. 9, col. 7; June 12, p. 3, col. 5; June 13, p. 9, col. 7.
- Schulz (Cadet E. H.)—Portrait. N. Y. Times, June 5, 1895, p. 9, col. 1.
- Professors' list. N. Y. Times, June 6, 1895, p. 3, col. 1.
- Candidates for admission—List by States. N. Y. Times, June 9, 1895, p. 11, col. 2.
- Cadet's outfit upon entering. N. Y. Times, June 9, 1895, p. 11, col. 2.
- First class Standing. N. Y. Times, June 11, 1895, p. 10, col. 1.
- Cadet officers appointed. N. Y. Times, June 13, 1895, p. 10, col. 1.
- Cadets' assignments to duty. N. Y. Times, June 19, 1895, p. 3, col. 6.
- Examinations for admission—Report. N. Y. Times, June 27, 1895, p. 9, col. 6.
- Cadets dismissed—List. N. Y. Times, June 30, 1895, p. 10, col. 3.

1895. Cadets appointed. *N. Y. Times*, 1895, July 3, p. 3, col. 7; July 24, p. 1, col. 4; Dec. 4, p. 3, col. 2; Dec. 18, p. 3, col. 7; Dec. 25, p. 7, col. 2.
- Cadets appointed. *N. Y. Times*, 1895, July 4, p. 5, col. 6; July 19, p. 9, col. 6; July 26, p. 1, col. 2; Aug. 9, p. 1, col. 4; Dec. 6; Dec. 13, p. 9, col. 6.
- Hazing—A cadet disciplined. *N. Y. Times*, July 16, 1895, p. 1, col. 4.
- Chapel—Cut—Flags—Paintings—Description—History. *N. Y. Times*, July 28, 1895, p. 20, col. 6.
- Cadets' color line entertainment. *N. Y. Times*, Aug. 28, 1895, p. 5, col. 5.
- Portraits. *N. Y. Times*, Aug. 28, 1895, p. 5, col. 5.
- Furlough hop. *N. Y. Times*, Aug. 30, 1895, p. 3, col. 4.
- Butterby's (Cadet T. C.) mysterious death. *N. Y. Times*, Sept. 12, 1895, p. 1, col. 4.
- Football schedule—Team described—Portraits. *N. Y. Times*, Sept. 22, 1895, p. 10, col. 1.
- "Times" notes. *N. Y. Times*, Sept. 22, 1895, p. 10, col. 1.
- Class of '96—Portraits of prominent members. *N. Y. Times*, Nov. 3, 1895, p. 29, col. 1.
- Meeting at Battle Monument—Cut. *N. Y. Times*, Nov. 17, 1895, p. 29, col. 4.
- Board of Visitors' report. *N. Y. Times*, 1895, Dec. 5, p. 10, col. 3; Dec. 9, p. 3, col. 1.
- Hazing; camp outfit of cadet clothing described and compared with that of former years; lack of information on certain professional matters. Rept. Board of Visitors, 1895, pp. 125-7. (A)
- Portraits class of 1895. *In Hamersly: Album of portraits of officers of Spanish-American war.* (A)
- Class of '75. Reunion at Sherry's, New York, June 12, 1895. Cambridge, 1895. 1 vol., O. (A)
- Annual report of Board of Visitors, 1895. 166 pp. (A)
- Gibbon (John), U. S. Army: Can West Point be made more useful? *In N. Amer. Rev.*, vol. 160 (1895), pp. 668-676. (A)
- Army service barracks remodeled from soldier's hospital built 1851.
- Cadet life at West Point (by B. F. McManus). *Godey's Mag.*, January, 1895, pp. 26-35. (A)
- Hubbard (Lieut. Elmer W.): The Military Academy and the education of officers. *In Jour. Mil. Serv. Inst.*, vol. 16, No. 73, January, 1895, pp. 1-25. (A)
1895. Weaver (Lieut. E. M.): The Military Academy. *In Jour. Mil. Serv. Inst.*, vol. 16, No. 75, May, 1895, pp. 576-580. Review. (A)
- Bass (Prof. E. W.), U. S. Military Academy: The preliminary examination, West Point. *In Jour. Mil. Serv. Inst.*, vol. 16, No. 75, May, 1895, pp. 553-559. (A)
- Willcox (C. De W.): The preliminary examination, West Point. *In Mil. Serv. Inst. Jour.*, vol. 16, March, 1895, pp. 250-275. (A)
- See Geo. L. Andrews: "The Military Academy and the education of officers." *Jour. Mil. Serv. Inst.*, vol. 16, p. 316. (A)
- Holden (E. S.): The Military Academy and the education of officers. Review. *In Jour. Mil. Serv. Inst.*, vol. 16, No. 75, May, 1895, pp. 573-576. (A)
- Michie (Prof. P. S.), U. S. Military Academy: West Point, its purpose, its training, and its results. *In Union College practical lectures, Butterfield course*, vol. 1, 1895, pp. 11-42. Reminiscences of cadet and army service, 1893. *In New York State Commandery, M. O. L. L. Personal recollections of the war of the rebellion.* (A)
- Ellis (E. S.): Young Scout; story of a West Point lieutenant. 1 vol., O., 1895. (A)
- Organization of the bridge equipment of the U. S. Army, with directions for the construction of military bridges . . . Prepared by a board of Engineer officers. Washington, 1870. 1 vol., O. (Text-book department of practical military engineering, 1895. Rept. Supt. U. S. Military Academy, 1896, p. 173.) (A)
- 1895 to —. Hennequin (Alfred): Practical lessons in idiomatic French. New rev. ed. New York, 1881. 1 vol., O. (Text-book department of modern languages, 1895 to —.) *Cadet Register*, 1895, p. 30. (A)
- Edgren (A. Hjalmar): A compendious French grammar in two independent parts—introductory and advanced. Boston, 1898. 1 vol., O. (Text-book department of modern languages, 1895 to —.) *Cadet Register*, 1895, p. 30. (A)
- Castarède (J.): A complete treatise on the conjugation of French verbs. new ed. London, 1900. 1 vol., O. (Text-book department of modern languages, 1895 to —.) *Cadet Register*, 1895, p. 30. (A)

- 1895 to —.** *Revue Militaire des Armées Etrangères.* (Text-book department of modern languages, 1895 to —.) *Cadet Register*, 1895, p. 30.
- *Eco de Madrid.* (Text-book department of modern languages, 1895 to —.) *Cadet Register*, 1895, p. 30.
- *Monsanto* (H. M.) and *Languelier* (L. A.): A practical course with the Spanish language. New York, 1875. 1 vol., O. (Text-book department of modern languages, 1895 to —.) *Cadet Register*, 1895, p. 30. (A)
- *Legendre* (A. M.): *Elements of geometry and trigonometry.* Translated from the French by Charles Davies. Edited by J. H. Van Amringe. New York, 1890. 1 vol., O. (Text-book department of mathematics, 1895 to —.) *Rept. Supt. U. S. Military Academy*, 1896, p. 74. (A)
- *Instruction in military engineering*, embodying a portion of the course of instruction at the school of military engineering, Chatham, England. London, 1898. 6 vols., O. (*Text-book department of practical military engineering, 1895 to —.) *Rept. Supt. U. S. Military Academy*, 1896, p. 173. (A)
- *Mercur* (James) [*U. S. Military Academy*, 1866]: *Attack of fortified places, including siege works, mining, and demolitions.* 1st ed. New York, 1894. 1 vol., O. (Text-book department of civil and military engineering, 1895 to —.) *Cadet Register*, 1895, p. 32. (A)
- *Figaro* (daily; three months' subscription each year). (Text-book department of modern languages, 1895 to —.) *Cadet Register*, 1895, p. 30. (A)
- 1895-96.** The corps of cadets receive the new magazine rifles, caliber .30. *Rept. Supt. U. S. Military Academy*, 1896, p. 7. (A)
- 1895-1901.** *Bruff* (Lawrence L.) [*U. S. Military Academy*, 1876]: *A text-book of ordnance and gunnery.* 1st ed. New York, 1896. 1 vol., O. (Text-book department of ordnance and gunnery, 1895-1901.) *Cadet Register*, 1895, p. 32. Second edition of above, revised and enlarged by F. E. Hobbs (New York, 1901. 1 vol., O.), used from 1902 to —. *Cadet Register*, 1902, p. 32. (A)
- 1896, February 18.** Act of Congress repeals so much of sec. 1309 of Rev. Stat. U. S. as provides for a chaplain U. S. Military Academy, to be also professor of history, geography, and ethics, and provides that the chaplain U. S. Military Academy shall be appointed for a term of four years. (A)
- 1896, March 6.** Act of Congress provides for the purchase of two barges and two boats for instruction of cadets in rowing. (A)
- 1896, June.** Address of Hon. Robert G. Cousins to the graduating class. *Rept. Board of Visitors 1896*, pp. 31-34. (A)
- 1896.** Cadets appointed. *N. Y. Times*, 1896, Jan. 10, p. 9, col. 6; Feb. 14, p. 9, col. 3; Feb. 21, p. 16, col. 5; Feb. 28, p. 1, col. 3; Apr. 3, p. 1, col. 3; Apr. 10, p. 1, col. 4; Apr. 17, p. 1, col. 5; Apr. 24, p. 1, col. 3; Apr. 29, p. 12, col. 6; May 22, p. 2, col. 2; June 5, p. 10, col. 6.
- Cadet appointments to be increased. *N. Y. Times* (ed.), Feb. 17, 1896, p. 4, col. 4.
- "Game of bluff, A." *N. Y. Times*, Feb. 23, 1896, p. 16, col. 2.
- Examinations for entrance—list. *N. Y. Times*, Mar. 22, 1896, p. 9, col. 4.
- Cadets' heavy gun instruction—cuts. *N. Y. Times*, Apr. 5, 1896, p. 29, col. 3.
- Battle monument "Fame" substituted for "Victory" statue. *N. Y. Times*, May 4, 1896, p. 1, col. 6.
- Board of Visitors appointed. *N. Y. Times*, May 15, 1896, p. 3, col. 2.
- Examinations. Commencement week programme. List of graduates. *N. Y. Times*, June 1, 1896, p. 9, col. 5.
- Merit list. *N. Y. Times*, June 11, 1896, p. 3, col. 2.
- Cadets court-martialed for hazing. *N. Y. Times*, July 23, 1896, p. 1, col. 6.
- Corporals (20) appointed. *N. Y. Times*, Aug. 4, 1896, p. 1, col. 4.
- Hazing. President Cleveland's remarks approving sentences. *N. Y. Times*, Aug. 15, 1896, p. 4, col. 6.
- Superintendent Ernst's annual report. *N. Y. Times*, Oct. 25, 1896, p. 20, col. 5.
- Visitors' annual report. *N. Y. Times*, Nov. 26, 1896, p. 2, col. 5.
- Water supply polluted. Malarial fever cases. *N. Y. Times* (ed.), 1896, Dec. 15, p. 4, col. 3; Dec. 19, p. 4, col. 5.
- General Orders, Adjutant-General's Office, No. 15. Sec. 1309 Rev. Stat. providing a chaplain for, amended. (A)
- Organization of a department in U. S. Military Academy; regulations for cadets in recitation rooms, etc.

- Rept. Supt. U. S. Military Academy, 1896, pp. 74, 75, 76. (A)
- 1896.** Annual report of Board of Visitors, 1896. 34 pp. (A)
- Curtis (N. M.): Report submitting House bill 9707, making appropriation for Academy, 1898. Dec. 17, 1896. 1 p. [House Rept. 2343, 54th Cong., 2d sess.] (A)
- Portraits, class of 1896. *In* *Hamersly: Album of Portraits of Officers of Spanish-American war.* (A)
- History of the departments of the Academy. *In* Rept. of the Supt., 1896. (A)
- See History of Athletics at West Point (1890-1896). *In* West Point Howitzer, 1896, pp. 61 et seq. [Portraits 7.] (A)
- Hatch (Everard E.): A story of West Point. *In* Gulf Messenger, vol. 9, No. 2, Feb., 1896, pp. 56-62. (A)
- Reed (Lieut. Hugh T.): Cadet Life at West Point . . . Ill. Chicago, pub. by the author (1896), 1 vol., O. (236 pp.) (A)
- Cradlock (Florence Nightingale): Edgar Fairfax, A Story of West Point . . . New York. 1896. 1 vol. O. (A)
- 1896 to —.** Fitzwygram (Sir F.): Horses and stables. 3d ed. London, 1886. 1 vol., O. (Text-book department of tactics, 1896 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 127. (A)
- Text-book of fortification and military engineering, for use at the Royal Military Academy, Woolwich. London, 1878, 1 vol., O. (Text-book department of practical military engineering, 1896 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 173. (A)
- Wagner (Arthur L.) [U. S. Military Academy, 1875]: The service of security and information. Washington, 1893, 1 vol., O. (Text-book department of tactics, 1896 to —.) Rept. Supt. U. S. Military Academy, 1896, p. 127. (A)
- 1896-97.** Davis (George B.) [U. S. Military Academy, 1871]: An introduction to the study of the constitutional and military law of the United States. Washington, 1896, 1 vol., O. (Text-book department of law and history, 1896-97.) Rept. Supt. U. S. Military Academy, 1896, p. 157; Cadet Registers, 1896 and 1897, pp. 32. (A)
- Myers (P. V. N.): General history. Boston and London, 1892, 1 vol., O. (Text-book department of law and history, 1896 and 1897.) Rept. Supt. U. S. Military Academy, 1896, p. 159; Cadet Register, 1897, p. 32. (A)
- 1896-1899.** Memorial hall built (\$268,000).
- 1897, April 27.** The battalion of cadets goes to New York to take part in ceremonies connected with the dedication of the General Grant monument. Post Orders, vol. 14, p. 146. (A)
- 1897, May 31.** Battle monument dedicated to the memory of 2,042 men and 188 officers of the Regular Army who fell in the war for the Union (\$66,820). Post Orders, vol. 14, p. 159.
- 1897, June 14.** Board of survey appointed to investigate circumstances attending the loss of four bronze trophy guns said to have been stolen sometime during the fall of 1896 and spring of 1897. Post Orders, vol. 14, p. 171. (A)
- 1897.** Examinations. Cadets who failed. N. Y. Times, Jan. 12, 1897, p. 7, col. 6.
- Cadets (six) discharged. N. Y. Times, 1897, Jan. 15, p. 4, col. 3; Mar. 20, p. 2, col. 7.
- Cadets—Washington trip during inauguration abandoned. N. Y. Times, Jan. 28, 1897, p. 1, col. 5; p. 3, col. 1.
- Cadets appointed. N. Y. Times, 1897, Jan. 15, p. 4, col. 3; Jan. 29, p. 3, col. 4; Feb. 5, p. 4, col. 3; Feb. 12, p. 4, col. 2; Feb. 19, p. 3, col. 3; Feb. 26, p. 1, col. 2; Mar. 4, p. 3, col. 3; Mar. 12, p. 4, col. 4; Mar. 26, p. 4, col. 3; Apr. 30, p. 4, col. 3.
- Board of Visitors appointed. N. Y. Times, Apr. 17, 1897, p. 5, col. 2.
- Catholic chapel to be erected—Secretary Alger's statement. N. Y. Times, 1897, Apr. 28, p. 14, col. 4; May 25, p. 4, col. 3.
- Battle monument dedication—Speeches by General Wilson and Secretary of War. N. Y. Times, 1897, May 12, p. 1, col. 2; May 30, p. 13, col. 3; June 1, p. 12, col. 5.
- Cannon stolen—Arrests made. N. Y. Times, 1897, May 21, p. 11, col. 1; June 2, p. 3, col. 5; June 3, p. 7, col. 6; June 4, p. 3, col. 4; June 5, p. 7, col. 3; June 10, p. 4, col. 1.
- Commencement programme. N. Y. Times, May 30, 1897, p. 13, col. 4.
- Baccalaureate sermon by the Rev. H. Shipman. N. Y. Times, June 7, 1897, p. 3, col. 5.
- Graduates' standing. N. Y. Times, June 10, 1897, p. 3, col. 3.
- Commandant S. M. Mills's farewell to graduates. N. Y. Times, June 11, 1897, p. 3, col. 2.

1897. Graduates can not receive army appointments until vacancies occur. *N. Y. Times*, June 15, 1897, p. 4, col. 1.
- Commencement. *N. Y. Times*, June 12, 1897, p. 7, col. 5.
- Entrance examinations Candidates (two) resign because hazed. *N. Y. Times*, June 16, 1897, p. 4, col. 2.
- Class 1897—Portraits—Honor men (*Magazine*). *N. Y. Times*, June 27, 1897, p. 19, col. 1.
- Board of Visitors report against increase of number of cadets—other views. *N. Y. Times*, July 18, 1897, p. 9, col. 4.
- Graduates who have won distinction—List. *N. Y. Times*, July 31, 1897, p. 6, col. 7.
- Practical jokes on closing camp. *N. Y. Times*, Aug. 22, 1897, p. 1, col. 7.
- Reveille gun disappears. *N. Y. Times*, Sept. 22, 1897, p. 1, col. 2.
- Portraits class of 1897. *In* *Hammerly: Album of Portraits of Officers of Spanish-American War*. (A)
- Objects of the U. S. Military Academy stated. Schofield (J. M.): *Forty-six years in the Army*, p. 525. (A)
- Cadets of Military and Naval academies at inauguration, Mar. 4, 1897. Feb. 23, 1897. 2 pp. (*House Rept.* 3012, 54th Cong., 2d sess.) (A)
- Addresses to the graduating class, 1897, by Hon. Hugh R. Belknap. (A)
- South guardhouse and gates built (\$10,000).
- first granolithic pavements put in.
- Brewer, David J.: Address at the dedication of the Battle Monument, West Point, N. Y., May 31, 1897. West Point, N. Y., 1897. pam., O. (A)
- Brown, Lt. A. Hastings, U. S. Army: Cadet life at West Point. *In* *Pall Mall Mag.*, January, 1897, vol. 11, No. 45, p. 121-128. 2 copies. (A)
- Wyckoff, Walter A.: The workers . . . The East. 1897, pp. 32-77: A day laborer at West Point. 1-31. The Adjustment. (A)
- 1897 to —. Tillman (Samuel E.). [*U. S. Military Academy*, 1869]: Descriptive general chemistry, 2d ed. New York, 1899, 1 vol., O. (Text-book department of chemistry, 1897 to —). Cadet Register, 1898, p. 31. (A)
- 1897-1902. *See* News of the Highlands, published at Highland Falls. F (25 $\frac{1}{2}$ x 19 $\frac{1}{2}$ inches). 1897 to date.
- 1898, January 14. Report of a committee of the academic board on the emblem and coat of arms U. S. Military Academy. MS. (A)
- 1898, April 26. Class of 1898 graduated. Exercises held in chapel. Post Orders, vol. 14, p. 275. (A)
- 1898, October 13. Seal and arms of U. S. Military Academy adopted. General Orders, No. 24. (A)
- 1898, October 13. Description of "the emblem" and of "the arms" for the U. S. Military Academy. Post Orders, vol. 14, p. 372. (A)
- 1898, December 31. Classification of offenses with number of demerits to be awarded for each class. Post Orders, vol. 14, p. 415. (A)
- 1898, Summer of. A course of lectures on military hygiene was given to cadets by the surgeon. Rept. Supt. U. S. Military Academy, 1898, p. 4. (A)
- Practice marches by cadets described. Rept. Supt. U. S. Military Academy, 1898, p. 12; *ibid.*, 1899, pp. 20-21; *ibid.*, 1900, pp. 22-24; *ibid.*, 1901, p. 23. (A)
1898. Cadets discharged. *N. Y. Times*, 1898, Jan. 12, p. 2, col. 1; Mar. 22, p. 3, col. 4.
- New York Ninth Congressional district candidate for cadetship examined. *N. Y. Times*, Feb. 20, 1898, p. 13, col. 5.
- Class of 1898 graduated prematurely to enter army for Cuban war—Assignments. *N. Y. Times*, May 17, 1898, p. 4, col. 7.
- Visitors Board appointed. *N. Y. Times*, May 29, 1898, p. 4, col. 7.
- Entrance examinations. *N. Y. Times*, June 19, 1898, p. 2, col. 3.
- Catalogue of biography and French history in the library, U. S. Military Academy, West Point, N. Y. [April] 1898, 73 pp., 1 pam., O. (A)
- Catalogue of fiction in English in the U. S. Military Academy library. 1 pam., O. (January, 1898) 33 pp. Fiction in English in library U. S. Military Academy, June, 1901, 43 pp. (A)
- The U. S. Military Academy compared with the U. S. Naval Academy. *See* Holden (E. S.): *The U. S. Naval Academy at Annapolis in Rept. Commr. Education*, 1898-99, p. 747. (A)
- Information relative to the appointment and admission of cadets to the U. S. Military Academy. 4 pp., Q. (1898.) (A)
- Cadet supply departments. Information relative to the. 1 pam., O. 1898. (A)
- Descriptive catalogue of the ordnance museum, department of ordnance

- and gunnery, U. S. Military Academy. Prepared under the direction of Capt. L. L. Bruff . . . by Capt. J. T. Thompson . . . West Point, 1898. 1 vol., O. 223 pp. (A)
- 1898.** General Orders, Adjutant-General's Office, No. 15. Physical examination of candidates for admission. (A)
- Department of modern languages. Library. Catalogue of books. [n. d., about 1898.] 1 pam., O., obl. (A)
- Seal, arms, and motto of the U. S. Military Academy. *In* Bull. Assoc. Grads., No. 1, 1900. (A)
- Lusk reservoir built (\$100,000).
- Hamersly publ.: A military album containing over 1,000 portraits of commissioned officers who served in the Spanish-American war. New York, 1898. 1 vol., O. (A)
- [Block, H. C. A. de:] Reisdrukken. De Vereenigde Staatten van Noord-America. 1 vol., O., 1898. [In Dutch; pp. 47-64. on West Point.] (A)
- Nelson (S. A.): The Annapolis, West Point, and military school handbook. [How to gain admission, etc.] Ill. New York, 1898, pp. 74.
- Andrews (Israel Ward): Manual of the Constitution of the United States. New York, 1887. 1 vol., O. (Text-book department of law, 1898.) Cadet Register, 1898, p. 32. (A)
- Fisher (George Park): Outlines of universal history, designed as a text-book . . . New York, 1885. 1 vol., O. (Text-book department of law and history, 1898.) Cadet Register, 1898, p. 32. (A)
- 1898 to —.** Davis (George B.) [U. S. Military Academy, 1871]: The elements of law. An introduction to the study of the constitutional and military law of the United States. 1st ed. New York, 1897. 1 vol., O. (Text-book department of law and history, 1898 to —.) Cadet Register, 1898, p. 32. (A)
- Flanders, (Henry): An exposition of the Constitution of the United States. 4th ed. Philadelphia, 1885. 1 vol., O. (Text-book department of law and history, 1898 to —.) Cadet Register, 1898, p. 32. (A)
- 1898 to date.** Preliminary examination papers of cadets. *In* A. G. O., O. M. A.
- 1899, January 1.** Guard, police, and fire regulations. n. p., n. d. 1 vol., O., pp. 31. (A)
- 1899, February 15.** Class of '99 graduated. Post Orders, vol. 14, p. 436. (A)
- 1899, February 27.** Act of Congress appropriates \$70,000 for remodeling the library building. (A)
- 1899, March 24.** Colors (black, grey, gold) for athletic games adopted. Circ. No. 11. (A)
- The colors black, grey, and gold adopted as the colors of the U. S. Military Academy for use in all athletic games. Post Orders, vol. 14, p. 454. (A)
- 1899, April 27.** New dress hat ordered for cadets. Post Orders, vol. 14, p. 468. (A)
- 1899, June.** Before this date the only index of the purely soldierly qualities of a cadet was expressed in his marks under discipline (weight 200) and drill regulations (weight 100). Since it, conduct (weight 125), drill regulations, etc. (weight 115), military efficiency (weight 130), soldierly deportment and discipline (weight 20) are noted. The sum of the old weights is 300; of the new, 390. Rept. Supt. U. S. Military Academy, 1899, pp. 5-6. (A)
- 1899, September 30.** The battalion of cadets goes to New York City to take part in the parade in honor of Admiral Dewey. Post Orders, vol. 15, p. 25. (A)
- 1899, October 24.** Service stripes to indicate the class to which cadets belong adopted. Post Orders, vol. 15, p. 34. (A)
- 1899, December 9.** Letter from Adjutant-General, U. S. Army, making the Superintendent's decision final as to whether or not a cadet shall answer a question asked by an investigating board. Post Orders, vol. 15, p. 51. (A)
- 1899.** First class cadets ordered to front—List. N. Y. Times, Jan. 2, 1899, p. 3, col. 5.
- Graduation list—Assigned to regiments. N. Y. Times, 1899, Feb. 16, p. 4, col. 7; Feb. 19, p. 5, col. 2.
- Cadets at large appointed. N. Y. Times, Apr. 9, 1899, p. 12, col. 3.
- Board of Visitors appointed. N. Y. Times, Apr. 22, 1899, p. 6, col. 3.
- Board of Visitors (especially Congressman's Marsh's) appointment discussed. N. Y. Times (ed.), 1899, June 4, p. 18, col. 2; June 6, p. 6, col. 2.
- Cavalry inspected by Board of Visitors and Governor Roosevelt. N. Y. Times, June 6, 1899, p. 4, col. 5.
- Exhibition at West Point closed. N. Y. Times, June 10, 1899, p. 5, col. 2.
- Cavalry sketch by Fitz Morris—Illustrated (magazine). N. Y. Times, June 18, 1899, p. 6, col. 1.

1899. Scarlet fever. *N. Y. Times*, 1899, July 12, p. 4, col. 4; July 13, p. 3, col. 6.
- Gift of historical pictures to Cul-
lum Memorial, by J. K. Paulding. *N. Y. Times*, Nov. 28, 1899, p. 1, col. 5.
- Orders U. S. C. C. (blue book). 1
vol., O. (A)
- Model target range completed.
- Complete siege battery and mortar
battery, etc., were received. Rept.
Supt. U. S. Military Academy, 1899,
p. 7. (A)
- Field outfit for cadets first worn.
Class album, 1899. (A)
- All explanations by cadets for delin-
quencies were required to be made
in writing. Rept. Supt. U. S. Military
Academy, 1899, p. 24. (A)
- Elementary infantry and artillery
drill regulations, etc., were studied by
the fourth class. Rept. Supt. U. S.
Military Academy, 1900, p. 5. (The
foregoing recommended in Rept. Board
of Visitors, 1885, p. 846. (A)
- Stenographic report of interviews
with the Superintendent by the various
committees of the Board of Visitors
(pp. 544-573); Report on discipline and
hazing by the commandant (pp. 573-
575); report on increasing the scope of
U. S. Military Academy, by Professor
Larned (pp. 595-620). Rept. Board of
Visitors, 1899. (A)
- Advertisement, instructions, and
specifications for library building . . .
reconstruction and remodeling, 1899.
1 pam., O., obl., 14 pp. (A)
- Football game songs, with Joe
Lincoln's *The Regular Army Man*. 1
pam., O., 4 pp. (A)
- General Orders, Adjutant-Gen-
eral's Office, No. 37. Reorganization
of enlisted strength on duty at West
Point. (A)
- Magazine rifles. Printed for the
use of the cadets, U. S. Military Acad-
emy, department of ordnance and gun-
nery, 1899. 1 pam., O., 12 pp. (A)
- Department of mathematics. Ex-
amples from conic sections and solid
geometry of C. Smith. West Point,
N. Y., 1899. 1 vol., O., 187 pp. (A)
- See Crane (Stephen); West Pointer
and Volunteer, in *Leslie's Popular
Monthly*, November, 1899.
- New-Yorker Staats-Zeitung, May
29, 1899, p. 3; West Point, *The U. S.
Military Academy*. (A)
- Peck (William G.) [U. S. Military
Academy, 1844]: Elementary treatise
on determinants. New York, 1888. 1
vol., O. (Text-book department of
mathematics, 1899.) Cadet Register,
1899, p. 30. (A)
1899. Fisher (George Park): A brief
history of the nations and of their
progress in civilization. New York,
1896. 1 vol., O. (Text-book depart-
ment of law and history, 1899.) Cadet
Register, 1899, p. 32. (A)
- 1899 to —. Smith (Charles): An
elementary treatise on conic sections.
London, 1894. 1 vol., O. (Text-book
department of mathematics, 1899 to
—.) Cadet Register, 1899, p. 30.
(A)
- Smith (Charles): An elementary
treatise on solid geometry. 5th ed.
London, 1895. 1 vol., O. (Text-book
department of mathematics, 1899 to
—.) Cadet Register, 1899, p. 30. (A)
- Wagner (Arthur L.) [U. S. Mili-
tary Academy, 1895]: Organization and
tactics. New York, 1895. 1 vol., O.
(Text-book department of civil and mili-
tary engineering, 1899 to —.) Cadet
Register, 1899, p. 32. (A)
- Fieberger (C. J.) [U. S. Military
Academy, 1879]: A text-book of field
fortification. 1st ed. New York, 1901.
1 vol., O. Text-book department of
civil and military engineering, 1899 to
—.) Cadet Register, 1899, p. 32. (A)
- Outline of instruction in small-
arms firing, based on small-arms firing
regulations as modified by General Or-
ders, Adjutant-General's Office, No. 36,
1897. West Point, 1898. 1 vol., O.
(Text-book department of tactics, 1899
to —.) Cadet Register, 1899, p. 31.
(A)
- 1899-1900. General Orders, Adjutant-
General's Office, Nos. 36, 1899; 81, 1900.
Appointment of cadets, number, etc.
(A)
- Roman Catholic chapel built
(\$22,800).
- 1899-1902. Hazing at U. S. Military
Academy. Rept. Supt. U. S. Military
Academy, 1899, pp. 7, 24-25; 1900, p.
11; 1901, pp. 5-7. (A)
1900. In "Who's Who in America" for
1900 there are 117 graduates U. S.
Military Academy [and 75 U. S. Naval
Academy]. There were then 1,900 liv-
ing graduates U. S. Military Academy
[and 1,700 U. S. Naval Academy]. The
percentage of noted names is 5.6 for
U. S. Military Academy, which is the
largest for any American college or
university [and 4.4 for U. S. Naval
Academy]. Letter from Prof. E. G.
Dexter, Mar. 2, 1903. (A)
- 1900, February 17. Conduct grades
established: Three grades determined
by number of demerits received. Post
Orders, vol. 15, p. 77. (A)

- 1900, February 24.** Hundredth Night Entertainment: The Amazons, 1900, n. p., n. d., 1 vol., obl., O. (A)
- 1900, March 10.** Each class is divided monthly into three conduct grades, and to each grade certain privileges attach. Rept. Supt. U. S. Military Academy, 1900, p. 11. (A)
- 1900, June 6.** Act of Congress fixes the number of cadets to be appointed (two from each State at large). (A)
- 1900, June.** Address of Hon. Charles F. Manderson to the graduating class. Rept. Board of Visitors, pp. 11-19. (A)
- 1900, spring of.** Cadets were instructed in the use of mountain guns and in pack-train service. Rept. Supt. U. S. Military Academy, 1900, p. 9. (A)
- 1900, summer of.** The class of 1904 was the last class subjected to hazing in the fourth-class camp.
- 1900.** Cadets found deficient and discharged. N. Y. Times, Jan. 14, 1900, p. 8, col. 3.
- Memorial Hall—Appeal for relics. N. Y. Times, Mar. 9, 1900, p. 3, col. 5.
- Graduates—Standing of members of this year's class. N. Y. Times, June 13, 1900, p. 3, col. 3.
- Cadets—Senators asked to name candidates under new law. N. Y. Times, June 9, 1900, p. 3, col. 2.
- Catholic chapel dedicated. N. Y. Times, June 11, 1900, p. 5, col. 1.
- Commencement—Class of 1900 visit to New York City. N. Y. Times, June 14, 1900, p. 2, col. 4.
- Cadet graduates' assignments. N. Y. Times, June 17, 1900, p. 3, col. 3.
- Cadets appointed—President McKinley fills his quota of ten names and three others. N. Y. Times, July 4, 1900, p. 12, col. 6.
- Board of Visitors report—Admission standard raising recommended. N. Y. Times, Oct. 6, 1900, p. 6, col. 6.
- Booz (Cadet Oscar L.). U. S. Congress committee to investigate his case. N. Y. Times, 1900, Dec. 1, p. 3, col. 6; Dec. 2, p. 15, col. 4; Dec. 4, p. 1, col. 3; Dec. 12, p. 7, col. 1.
- Booz (Cadet Oscar L.). Board of inquiry appointed by Secretary of War—Session at Bristol and Philadelphia. N. Y. Times, Dec. 18, 1900, p. 3, col. 3.
- Military court takes testimony. N. Y. Times, 1900, Dec. 19, p. 3, col. 1; Dec. 20, p. 6, col. 1; Dec. 21, p. 5, col. 1; Dec. 22, p. 2, col. 3; Dec. 23, p. 6, col. 1; Dec. 27, p. 3, col. 4; Dec. 28, p. 5, col. 2; Dec. 29, p. 3, col. 3; Dec. 30, p. 3, col. 1.
- Breth's (Cadet) death claimed by family to have been caused by hazing. N. Y. Times, Dec. 19, 1900, p. 3, col. 1.
- 1900.** Booz hazing inquiry at West Point. N. Y. Times (ed.), Dec. 21, 1900, p. 8, col. 5.
- Hazing—U. S. Congressmen's advice to abolish the institution. N. Y. Times (ed.), Dec. 23, 1900, p. 18, col. 4.
- Mills (Col. A. L.)—Testimony. N. Y. Times, Dec. 30, 1900, p. 3, col. 1.
- Exercises in trigonometry (from Ludlow's Elements Trigonometry.) Department of mathematics, U. S. Military Academy. 1 vol., O., 41 pp. (A)
- Algebra and geometry recitations were made on alternate days; likewise those in conic sections and descriptive geometry. Rept. Supt. U. S. Military Academy, 1900, p. 5. (A)
- Department of mathematics, examples from C. Smith's Treatise on Algebra. West Point, N. Y., 1900. 1 vol., O., 136 pp. (A)
- The corps of cadets organized in six companies (in place of four, which had been the number, 1827-1900). Rept. Supt. U. S. Military Academy, 1900, p. 8. (A)
- Department of tactics manual of the service of security and information. Prepared for the use of cadets at the U. S. Military Academy, by First Lieut. Edward Anderson, Seventh Cavalry, assistant instructor of tactics, by order of Lieut. Col. O. L. Hein, commandant of cadets. West Point, N. Y., 1900. 1 vol., O., 142 pp. (A)
- See Dexter (E. G.): A study of twentieth century success. *In* Pop. Sci. Monthly, July, 1902, figs. 2, 4, and p. 249. (A)
- List of graduates in civil life; list of graduates on the retired list. *In* Bull. Assoc. Grads., No. 1 (1900). (A)
- The new cadet must provide an outfit costing \$160.10. His expenses for board, books, clothes, etc., average \$522.12 yearly. His average expenses are thus \$562.12, while his pay is \$540—Competitive examination is not the best way to select cadets—Hazing. Rept. Board of Visitors, pp. 7-10. (A)
- Dialectic Society: [For a brief history of the society see U. S. Military Academy, class of 1875, reunion, 1900, p. 107.]
- Larned (Chas. W.): U. S. Military Academy, 1870. The U. S. Military Academy. Scientific American, June 23, 1900. (A)
- Memorial Hall. Junior Munsey, vol. 8, No. 4, July, 1900, containing on pp. 515-523, The Memorial Hall at West Point, by Prof. C. W. Larned. 1 vol., O. (A)

1900. Memorial tablets of the Revolutionary and Spanish-American wars [in the chapel,] unveiling of. Presented . . . by the N. Y. Daughters of the Revolution [with address by Professor Michie.] 1900. 1 pam. O. 2 copies. (A)
- Plan (with plate) of a proposed enlargement of the chapel, by Prof. C. W. Larned. Rept. Board of Visitors, 1900. p. 29. (A)
- West Point described in "How our cousins manage it." R. M. A. Mag. vol. 1, 1900, pp. 175-178. (A)
- Tripp, William H. Guide to West Point and the U. S. Military Academy, giving location and history of all the public buildings, monuments, and principal points of interest, together with the hours for drills and formations. West Point, 1900. obl., Q. (A)
- Appropriations bill, committee of House, hearings. Dec. 11, 1900. 1 pam. O. (A)
- Appropriations bill, committee of House. May 8, 1900. 1 pam. O. (A)
- Estimate of [deficiency] appropriation for pay of Academy. Mar. 28, 1900. 2 pp. (House Doc. 550.) (A)
- Hazing at West Point, by Capt. W. C. Rivers, U. S. Army. Army and Navy Journal, Jan. 12, 1901. p. 473. (A)
- Furlough Songs, U. S. Military Academy, 1900. B., 1900. 1 vol., O., 40 pp. (A)
- West Point draughtsmen; by Fritz Morris. In Leslie's Pop. Monthly. vol. 49, No. 5, March, 1900, pp. 521-536. (A)
- Craddock, Florence Nightingale: Soldier's Revenge, or Roland and Wilfred. 1 vol., O. (1900). (A)
- 1900 to —. Duruy (Victor): General history of the world . . . Translated by E. A. Grosvenor. New York, 1898. 1 vol., O. (Text-book department of law and history, 1900 to —.) Cadet Register, 1900, p. 32. (A)
- Dyer (A. B.) [U. S. Military Academy, 1837]: Handbook for light artillery. 1st ed. New York, 1896. 1 vol., O. (*Text-book department of tactics, 1900 to —.) Cadet Register, 1900, p. 31. (A)
- Anderson (First Lieut. Edward, U. S. Army) [U. S. Military Academy, 1888]: Department of tactics. Manual of the service of security and information, prepared for the use of cadets at the U. S. Military Academy by order of Lieut. Col. O. L. Hein, commandant of cadets. West Point, 1900. 1 vol., O. (Text-book department of tactics, 1900 to —.) Cadet Register, 1900, p. 32. (A)
1900. Davis (George B.) [U. S. Military Academy, 1871]: The elements of international law, with an account of its origin, sources, and historical development. New and rev. ed. New York and London, 1902. 1 vol., O. (Text-book department of law and history, 1900 to —.) Cadet Register, 1900, p. 32. (A)
- Smith (Charles): A treatise on algebra. 4th ed. London, 1893. 1 vol., O. (Text-book department of mathematics, 1900 to —.) Cadet Register, 1900, p. 30. (A)
- Murray (Daniel Alexander): An elementary course in the integral calculus. New York, 1898. 1 vol., O. (Text-book department of mathematics, 1900 to —.) Cadet Register, 1900, p. 30. (A)
- 1900-1901. Hazing. See 56th Cong., 2d sess., 1900-1901. House Repts., vol. 4. Ibid., vol. 5. Ibid., vol. 6.
- Library building remodeled (\$70,000).
- 1900 to —. Johnson (J. B.): The theory and practice of surveying. 16th ed. New York, 1902, 1 vol., O. (Text-book, department of mathematics, 1900-1902; *Text-book, department of practical military engineering, 1902 to —.) Cadet Registers, 1900, p. 30, and 1902, p. 31. (A)
- 1900-1903. Association of graduates. *Bulls.* pam., O. No. 1, 1900; No. 2, 1902; No. 3, 1903. Edited by Capt. W. C. Rivers, secretary. (A)
- 1901, January 9. Special Committee of the House of Representatives appointed to investigate hazing at West Point arrives. Post Orders, vol. 15, p. 232. (A)
- 1901, January 28. Description of exhibit of the Military Academy at the Pan-American Exposition at Buffalo. Post Orders, vol. 15, p. 240. (A)
- 1901, February 16. Graduation of first class ordered on Feb. 18, 1901. Post Orders, vol. 15, p. 248. (A)
- 1901, March 2. Battalion of cadets ordered to Washington to take part in ceremonies attending the inauguration of President McKinley. Post Orders, vol. 15, p. 257. (A)
- 1901, March 2. Act of Congress: The U. S. Military Academy band to consist of 1 teacher and 40 enlisted musicians. The master of the sword to have the rank and pay of first lieutenant, etc. (A)

- 1901, March 2. Act of Congress: A cadet engaged in hazing shall be summarily expelled and shall not be eligible for appointment in the Army, Navy, or Marine Corps until two years after the graduation of his class. (A)
- 1901, March 16. Provision of act of Congress giving the master of the sword the relative rank of first lieutenant, with pay and allowances of first lieutenant mounted. Post Orders, vol. 15, p. 263. (A)
- 1901, June 30. Act of Congress appropriates \$10,000 for library furniture. (A)
- 1901, August 12. The battalion of cadets ordered to Pan-American Exposition at Buffalo, to encamp there from Aug. 14 to Aug. 28. Post Orders, vol. 15, p. 343. (A)
- 1901, August 14-29. The corps of cadets visits the Pan-American Exposition at Buffalo—report on their conduct there by the commandant of cadets. Rept. Supt. U. S. Military Academy, 1901, pp. 26-7. (A)
1901. Hazing—Booz scandal—Board reports death was not due to hazing. N. Y. Times, Jan. 10, 1901, p. 1, col. 6.
- Defective cadets discharged. N. Y. Times, Jan. 13, 1901, p. 5, col. 1.
- Booz hazing scandal—Congressional committee investigation. N. Y. Times (ed.), Jan. 17, 1901, p. 8, col. 4.
- Compared with the military court of inquiry at West Point. (ed.), Jan. 19, 1901, p. 8, col. 4.
- Hazing abolished by cadets during Congressional investigation. N. Y. Times, Jan. 20, 1901, p. 1, col. 3.
- Hazing system criticised. N. Y. Times (ed.), Jan. 20, 1901, p. 22, col. 4.
- Cadet agreement to abolish hazing. N. Y. Times (ed.), 1901, Jan. 21, p. 6, col. 1; Jan. 24, p. 8, col. 4.
- Nominations sent to Senate by President McKinley under reorganization law. N. Y. Times (ed.), 1901, Feb. 6, p. 8, col. 1; Feb. 10, p. 18, col. 3.
- Hazing. N. Y. Times, Mar. 10, 1901, p. 1, col. 6.
- Candidates who have passed examinations. N. Y. Times, Mar. 24, 1901, p. 4, col. 2.
- Graduating class—Delay. N. Y. Times, 1901, Apr. 14, p. 16, col. 4; June 4, p. 2, col. 4.
- Officers' appointments distributed geographically as patronage. N. Y. Times (ed.), Apr. 26, 1901, p. 6, col. 2.
- Harper's Weekly on the way the Commandant and Superintendent were chosen—Remarks retracted. N. Y. Times (ed.), 1901, May 2, p. 8, col. 4; May 16, p. 8, col. 4.
1901. Hazing—Cadets dismissed and suspended—Statement—Secretary Root's attitude—Colonel Mills's report. N. Y. Times, 1901, May 22, p. 1, col. 7; May 23, p. 3, col. 1; May 24, p. 2, col. 6; May 25, p. 9, col. 1; May 26, p. 1, col. 1.
- Graduates' services the best answer to Academy's critics. N. Y. Times (ed.), May 23, 1901, p. 8, col. 4.
- Hazing—Conditions discussed in an old graduate's letter to editor Times. N. Y. Times, May 23, 1901, p. 8, col. 6.
- Hazing—Gen. F. V. Greene—New York and Bermudez Company offers positions to dismissed cadets—Ecuador Railroad Company, ditto. N. Y. Times, 1901, May 24, p. 2, col. 6; May 25, p. 9, col. 1; June 5, p. 2, col. 2.
- Hazing—Dismissed cadets ask to see charges—Try to see Secretary Root. N. Y. Times, 1901, May 26, p. 1, col. 1; May 28, p. 1, col. 4.
- Hazing tradition still strong. N. Y. Times (ed.), May 29, 1901, p. 8, col. 3.
- Statement that cadets' mutiny was not due to hazing. N. Y. Times, June 1, 1901, p. 9, col. 1.
- Examinations—Succession tangle. N. Y. Times, 1901, June 2, p. 2, col. 3; June 7, p. 5, col. 3; June 8, p. 8, col. 6.
- Court-martial of two cadets for drinking. N. Y. Times, June 6, 1901, p. 2, col. 4.
- List of new cadets. N. Y. Times, June 11, 1901, p. 6, col. 3.
- Superintendent Mills—upheld by cadets. N. Y. Times, June 12, 1901, p. 1, col. 6.
- West Point standard very high. N. Y. Times (ed.), July 14, 1901, p. 6, col. 2.
- Hazing stopped—Superintendent Mills's report. N. Y. Times, Oct. 25, 1901, p. 6, col. 4.
- Admission certificates. N. Y. Times, Nov. 9, 1901, p. 8, col. 7.
- Visitors' board condemns buildings. N. Y. Times, Nov. 13, 1901, p. 5, col. 2.
- Examinations in the department of mathematics held immediately on the termination of instruction. Lessons in calculus and in solid geometry are given on alternate days. Cadets showing proficiency in previous work are excused from examination. Rept. Supt. U. S. Military Academy, 1901, pp. 9-10. (A)
- Cadets are instructed in riding pad saddles, and with double reins. Rept.

- Supt. U. S. Military Academy, 1901, p. 23. (A)
1901. Estimate of appropriation for enlarging Academy. Jan. 8, 1901, 21 pp. (A)
- Estimate of appropriation for water supply at Academy. Jan. 8, 1901, 3 pp. (A)
- Military Academy, select committee to investigate hazing at West Point. Dick, Charles: Report submitting House bill 14127, to aid in enforcement of discipline at Military Academy; with testimony upon practice of hazing at Academy. Feb. 9, 1901, 20 + 1982 pp. (House Rept. 2768, 4 pts.) (A)
- Rules for the government of the academic board [an edition printed in 1901 and other editions previously]. (A)
- Woodruff (Charles E., surgeon U. S. Army): The nervous exhaustion due to West Point training. *In Amer. Medicine*, June 22, 1901, p. 558. (A)
- Fiction in English in library, U. S. Military Academy, June, 1901, 43 pp. (A)
- Department of mathematics: Examples from Murray's integral calculus. West Point, N. Y., 1901. 1 vol., O., 48 pp. (A)
- Guard, police and fire regulations. n. p., 1901. 1 vol., O., 32 pp. (A)
- International monthly, vol. 3, No. 4, April, 1901; see pp. 411-443; West Point, by Prof. C. W. Larned. 1 vol., O. (A)
- Collier's Weekly, vol. 27, No. 14, July 6, 1901, p. 11. Training U. S. officers at West Point, by Col. Albert L. Mills, Superintendent. (A)
- Stevens (Bishop P. F.): Letter to the U. S. corps of cadets [on hazing]. West Point, 1901. 1 vol., O., 4 pp. (A)
- Hazing at West Point. *In Army and Navy Journal*, Jan. 12, 1901, p. 473. Contains list of the various forms of pledges given by cadets, 1864-1871. (A)
- 1901 to —. Tillman (Samuel E. [U. S. Military Academy, 1869]: Text-book of important minerals and rocks. 1st ed. New York, 1900. 1 vol., O. (Text-book department of chemistry, 1901 to —.) Cadet Register, 1901, p. 32. (A)
- Fieberger (G. J.) [U. S. Military Academy, 1879]: Pamphlet on permanent fortifications. (Text-book department of civil and military engineering, 1901 to —.) Cadet Register, 1901, p. 32.
- Traub (Peter E.) [U. S. Military Academy, 1886]: The Spanish verb, with an introduction on Spanish pronunciation. New York, 1900. 1 vol., O. Text-book department of modern languages, 1901 to —.) Cadet Register, 1901, p. 31. (A)
1901. Ransey (M. Montrose): An elementary Spanish reader. New York, 1900. 1 vol., O. (Text-book department of modern languages, 1901 to —.) Cadet Register, 1901, p. 31. (A)
- 1901-2. Press clippings: Enlargement U. S. Military Academy. 1 vol., F. (A)
- 1902, Feb. 1. The properly attested certificate of graduation from a normal school to be accepted in lieu of examination for entrance to the Military Academy. Post Orders, vol. 15, p. 424. (A)
- 1902, Apr. 15. Centennial association organized at Manila, P. I., Apr. 15, 1902, to celebrate the one-hundredth anniversary of the founding of the U. S. Military Academy. Manila, 1902. 1 vol., O. (A)
- 1902, May 1. Entrance examinations to U. S. Military Academy held, for the first time, at army posts. Rept. Supt. U. S. Military Academy, 1902, p. 3. Surviving transferred to the department of practical military engineering. *Ibid.*, p. 6. (A)
- 1902, June 9. Programme of the centennial of the U. S. Military Academy, 1802-1902. June 9, alumni day; June 10, field day; June 11, centennial day; June 12, graduation day. The programme in detail printed in Rept. Supt. U. S. Military Academy, 1902, pp. 57-58. (A)
- 1902, June 11. Medal of honor presented by the President of the United States to Cadet Titus, fourth class, for gallant conduct at Peking Aug. 14, 1900. Rept. Supt. U. S. Military Academy, 1902, p. 17. (A)
- Banquet in celebration of the centennial . . . of the U. S. Military Academy, [at] Manila, June 11, 1902. Manila, 1902. 1 vol., O., pp. 40. (A)
- 1902, June 28. Act of Congress authorizes the purchase of 200 atlases to be placed in cadets' rooms. (A)
- Act of Congress: The professors, etc., U. S. Military Academy, to have actual rank in the Army and command only in the academic department U. S. Military Academy; cadets to be paid \$500 and 1 ration (\$0.30) per day; actual traveling expenses of accepted candidates to be paid; the President of the United States may appoint 40 cadets at large. (A)

- 1902, June 28.** Act of Congress provides for a librarian appointed from civil life [Edward S. Holden, U. S. Military Academy, 1870, appointed July 1]. (A)
- Act of Congress appropriates \$2,000,000 for the enlargement of the Academy immediately and authorizes a total outlay for this purpose of \$5,500,000. (A)
- 1902, June.** Songs: Centennial Dinner: U. S. Military Academy, West Point, 1902, 1 vol., O., pp. 23. (A)
- Jubilee 1802-1902. Miscellaneous items in Scrap Books, Jubilee. (A)
- 1902, July 1.** Class rings to be worn only after Jan. 1 of first class year. Special Orders, No. 121. (A)
- 1902, September.** Employment of a cadet's time during four years (in hours). Tactics, 2,850 hours; Mathematics, 1,800; Modern languages, 1,400; Engineering, 1,000; Natural philosophy, 950; Chemistry, etc., 650; Law and history, 550; Drawing, 475; Ordnance and gunnery, 300; Practical engineering, 100; Hygiene, 25; Sleep, 11,000; Recreation, 9,025; Meals, 2,775; Furloughs, 1,850; Chapel, 250; Total, 35,000 hours. Rept. Supt. U. S. Military Academy, 1902, p. 15. (A)
- 1902, summer of.** Cadets instructed in the handling of rations and the preparation of food in the field. Rept. Supt. U. S. Military Academy, 1902, p. 25. Detailed programme of instruction in the department of tactics, Jan. 1, to Dec. 1, *ibid.*, pp. 28-30. (A)
- 1902.** Report of Prof. C. W. Larned upon the reorganization of the plant of the U. S. Military Academy accompanied by estimates, plans, and drawings. West Point, 1902. 1 vol., O., 24 pp., and atlas F. (A)
- Board of Visitors named. N. Y. Times, Feb. 18, 1902, p. 3, col. 2.
- Congress considers enlargement. N. Y. Times (ed.), Mar. 25, 1902, p. 8, col. 2.
- West Point—Rebuilding. N. Y. Times (ed.), Apr. 16, 1902, p. 8, col. 2.
- Centennial (magazine supplement). N. Y. Times, May 11, 1902, p. 9, col. 1.
- Improvements planned. N. Y. Times, June 8, 1902, p. 32, col. 1.
- Centennial celebrations begun. N. Y. Times, 1902, June 10, p. 3, col. 1; June 11, p. 3, col. 1.
- West Point Centenary. N. Y. Times (ed.), June 11, 1902, p. 8, col. 1.
- Centennial day—Roosevelt, etc., speeches. N. Y. Times, June 12, 1902, p. 1, col. 7.
- 1902.** Degrees. N. Y. Times, June 13, 1902, p. 3, col. 1.
- Larned-Boorman letter. N. Y. Times, June 30, 1902, p. 8, col. 5.
- Major Greble and Cadet Moore hurt at artillery drill. N. Y. Times, July 13, 1902, p. 1, col. 5.
- Names of 35 new candidates. N. Y. Times, Aug. 3, 1902, p. 9, col. 4.
- Board of Visitors report. N. Y. Times, Aug. 9, 1902, p. 8, col. 2.
- Annual report. N. Y. Times, Oct. 17, 1902, p. 8, col. 6.
- Football—West Point wins, 22 to Annapolis S. N. Y. Times, Nov. 30, 1902, p. 1, col. 7.
- The first class visits Gettysburg in April. Rept. Supt. U. S. Military Academy 1902, p. 7. Candidates admitted on certificates from high schools, etc., without examination, for the first time. *Ibid.*, p. 9. The new curriculum described. *Ibid.*, p. 9. (A)
- Regulations U. S. Military Academy [different editions were issued in the years 1810, 1814, 1821, 1825, 1829, 1832, 1839, 1840, 1841, 1853, 1857, 1866, 1873, 1877, 1883, 1894, 1902]. (A)
- Regulations for the interior discipline and police of the U. S. corps of cadets. By the commandant of cadets. West Point, 1902. 1 vol., O., pp. 50. (A)
- The battalion color of the corps of cadets was the blue color of a battalion of infantry until 1902, when a flag with a grey ground and black and gold fringe charged with the arms of the U. S. Military Academy was adopted. (See this catalogue Mar. 24, 1899, and also August 1821.)
- Information relative to the appointment and admission of cadets to the U. S. Military Academy (reprint from the Register). Rept. Bureau of Education, 1900-1901, p. 2421. (A)
- Designs for the new post and academy by Cram, Goodhue, and Ferguson in Arch. Rev., July, 1903, plates. (A)
- Review of Hancock's life at West Point, and brief comparison of French, English, and American military schools. The Athenæum, No. 3931, Feb. 28, 1903, p. 272. (A)
- Phonographs first used by the department of modern languages to assist in teaching pronunciation of French and Spanish. (A)
- Circular: Classification of the military works in the library, U. S. Military Academy (August, 1902). Circular: Arrangement of maps, charts, plans,

- etc., in the map room (October, 1902). (A)
- 1902.** The new curriculum. *In* Rept. Sup't. U. S. Military Academy, 1902, p. 9. (A)
- Improvements at the U. S. Military Academy, West Point, N. Y. Report of a board of officers convened . . . July 12, 1902. West Point, 1902. 1 vol., O. (A)
- In 1902 electric bells were put into the cadet mess hall and the servants notified by cadet adjutant when the battalion was formed for meals and when it began its march to the hall. In this way hot meals are secured.
- The right to wear A on football uniform is given to cadets who have played in one army and navy game, or on five match games with other institutions.
- Jubilee. Holden (E. S.): The Military Academy. N. Y. Sun, June 22, 1902. (A)
- Hancock, H. I.: Life at West Point. Ill. New York, 1902, O. (A)
- West Point after a century, by Frederick Palmer. Ill. *In* The World's Work, August, 1902, p. 2433. (A)
- List of 317 graduates in civil life; list of 187 graduates on the retired list. *In* Bull. Assoc. Grads. U. S. Military Academy, No. 2 (1902). (A)
- Cadets of the third class are to write essays on subjects selected from English literature (this plan put into operation January, 1903). (A)
- Alphabetical list of periodicals in the U. S. Military Academy library subscribed for (or regularly presented) in 1902. (A)
- Appropriations bill, 1902. Committee of House on Military Affairs, Monday, Mar. 24, 1902. Statement of Col. A. L. Mills, Superintendent U. S. Military Academy. Washington, 1902. 1 vol., O., 99 pp. (A)
- Carson (John M.): Trophies and flags in the chapel, U. S. Military Academy, *in* Bull. Assoc. Grads., No. 2 (1902), p. 81. (A)
- Orders for the U. S. corps of cadets, 1902. 77 pp. (A)
- See speech of Hon. R. Wayne Parker, of New Jersey, in the House of Representatives, Apr. 22, 1902 [on the] enlargement of West Point. Washington, 1902. 1 vol., O., 8 pp. (A)
- The library, U. S. Military Academy (letter from the Superintendent U. S. Military Academy, to the Adjutant-General U. S. Army). Jour. U. S. Cav. Assoc., October, 1902, p. 199. (A)
- 1902 to —.** Beach (Capt. William D., U. S. Army) [U. S. Military Academy, 1879]: Manual of military field engineering for the use of officers and troops of the line. Fort Leavenworth, 1894. 1 vol., O. (Text-book department of practical and military engineering. 1902 to —.) Cadet Register, 1902, p. 31. (A)
- Carter (Capt. William H.) [U. S. Military Academy, 1873]: Horses, saddles, and bridles. Leavenworth, Kans., 1895. 1 vol., O. (Text-book department of tactics, 1902 to —.) Cadet Register, 1902, p. 32. (A)
- Willcox (Cornelis De Witt) [U. S. Military Academy, 1885]: A French-English military technical dictionary. Washington, 1899. 1 vol., O. (Text-book department of modern languages, 1902 to —.) Cadet Register, 1902, p. 31.
- Professional papers of the Corps of Engineers, U. S. Army. No. 29—Topographical reconnaissance, being Chapter I of the Engineer Field Manual. Prepared under the direction of the commanding officer of the Engineer School of Application. Washington, 1901. 1 vol., O. (Text-book department of practical and military engineering, 1902 to —.) Cadet Register, 1902, p. 31. (A)
- Official publications of Signal Department. (Text-book department of practical and military engineering, 1902 to —.) Cadet Register, 1902, p. 31.
- Phillips (A. W.) and Fisher (Irving): Elements of geometry. New York and London, 1895. 1 vol., O. (Text-book department of mathematics, 1902 to —.) Cadet Register, 1902, p. 31. (A)
- 1903, January 17.** Cadets of the first class visit Watervliet Arsenal under the guidance of the head of the department of ordnance and gunnery (and are to visit Sandy Hook proving station during the spring).
- 1903, January.** Tactical officers inspecting the rooms of their companies take the rooms in any order—not beginning on the ground floor and going in regular order. Orders commandant of cadets. (A)
- 1903, April 20.** Bibles distributed to first class in the chapel, the whole corps in attendance. S. O. headquarters U. S. Military Academy.
- 1903.** "Hundredth Day" opera. N. Y. Times, Feb. 22, 1903, p. 2, col. 3.
- Cadets of the second class visit the Metropolitan Museum of Art under the guidance of the professor of drawing.

- 1903.** The bugle calls sounded for cadet call to quarters, etc., written down by Trumpeter L. Lewis for the library. He learned them (by ear) from L. Benz, bugler, 1845-1878. (A)
- Department of drawing: Book of letters and lettering. n. p., n. d. 1 vol., obl., Q. (A)
- Department of drawing: Geometrical problems in pencil. n. p., n. d. 1 vol., obl., Q. (A)
- Department of drawing: Topography—conventional signs. n. p., n. d. 1 sheet 10 x 4. (A)
- Department of drawing: Triangulation and traverse notes. n. p., n. d. 1 vol., O., pp. 8. (A)
- Garrison (Lieut. Frederick, U. S. Army): On Guard; or, Mark Mallory's Celebration . . . Ill. New York [1903]. 1 vol., O., 283 pp. (A)
- 1903.** Garrison (Lieut. Frederick, U. S. Army): Off for West Point; or, Mark Mallory's Struggle . . . Ill. New York [1903]. 1 vol., O., 251 pp. (A)
- Garrison (Lieut. Frederick, U. S. Army): A West Point Treasure; or, Mark Mallory's Strange Find . . . Ill. New York [1903]. 1 vol., O., 285 pp. (A)
- Garrison (Lieut. Frederick, U. S. Army): The West Point Rivals; or, Mark Mallory's Stratagem . . . Ill. New York [1903]. 1 vol., O., 277 pp. (A)
- Garrison (Lieut. Frederick, U. S. Army): A Cadet's Honor; or, Mark Mallory's Heroism . . . Ill. New York [1903]. 1 vol., O., 274 pp. (A)
- Roe (W. J.): The new West Point. Ill. *In* Pop. Sci. Monthly, November, 1903, pp. 32-40. (A)
- U. S. Military Academy astronomical observations. *See* Bartlett (W. H. C.); Lee (T. J.) in the following pages.

BIBLIOGRAPHY OF THE WRITINGS OF GRADUATES, 1802-1902.

[Arranged alphabetically]

[NOTE.—(A) signifies that the book cited is in the library of the United States Military Academy or in that of the Association of Graduates. (C) indicates that the book cited is a Congressional document, most of which are owned by the Academy.]

- Abbot, Frederic Vaughan (U. S. M. A., 1879), translator, Extracts from a Treatise upon defensive submarine mining, by D. Leopoldo Scheidnagel, corps of engineers, Spanish army. PL. Q., pp. 159. Madrid, 1880. Willets Point, New York Harbor, Battalion Press [1881]. [Engineer School of Application, Paper No. II.]
- East River Suspension Bridge. Ill., Q., pp. [32]. [Willets Point, New York Harbor], 1882. [Essays Club Papers, No. 50.]
- , translator. Improvement of navigable nontidal rivers. By Prof. J. Schlichting, Leipzig, 1882. PL. Q., pp. 121. Willets Point New York Harbor, 1885. [Engineer School of Application, Paper No. IX.]
- Project, plan, estimate, etc., for the improvement of Broad and Saluda rivers above Columbia, S. C. Rept. Chief of Eng., 1889, p. 1207. (C)
- Edisto River, S. C., North and South forks. Rept. Chief of Eng., 1889, p. 1210. (C)
- Socastee Creek, S. C. Rept. Chief of Eng., 1889, p. 1215. (C)
- Ashepoo River, S. C., below the Charleston and Savannah Railroad Bridge. Rept. Chief of Eng., 1889, p. 1218. (C)
- Beaufort River, S. C. Rept. Chief of Eng., 1890, pp. 1236, 1237. (C)
- Orviden and Wando rivers, S. C. Rept. Chief of Eng., 1890, pp. 1243, 1244. (C)
- Lynch River, S. C. Rept. Chief of Eng., 1893, p. 1533. (A)
- Congaree River just below Columbia, S. C. Rept. Chief of Eng., 1894, p. 1090; 1896, p. 1184. (A)
- Red Lake and Red Lake River, Minn. Rept. Chief of Eng., 1900, p. 2828. (A)
- Otter Tail Lake and Otter Tail River, Minn. Rept. Chief of Eng., 1900, p. 2830. (A)
- Big Stone Lake and Lake Traverse, Minn. and S. Dak. Rept. Chief of Eng., 1900, p. 2833. (A)
- St. Croix River, Minn. Rept. Chief of Eng., 1900, p. 2836. (A)
- Minnesota River, Minn. Rept. Chief of Eng., 1900, p. 2840. (A)
- Abbot, Frederic Vaughan. Project, plan, estimate, etc., for the improvement of Red River of the North, Minn. and N. Dak. Rept. Chief of Eng., 1900, p. 2841. (A)
- Causes of and the means of preventing the excessive floods in the Mississippi River between the Government dam at Sandy Lake and Brainerd, Minn., and the effect thereof on the interests of navigation. Rept. Chief of Eng., 1901, p. 2344. (A)
- Warroad Harbor and River, Minn. Rept. Chief of Eng., 1901, p. 2357. (A)
- Long Prairie River and its sources, Minn. Rept. Chief of Eng., 1901, p. 2392. (A)
- See Boards—Harris, 5, 6, 7; Stanton, 1, 2.
- See Commission—Humphreys, 2.
- Abbot, Henry Larcom (U. S. M. A., 1881)
- Member of Board of Visitors to U. S. M. A. in 1879.
- Routes in Oregon and California. In Reports of explorations . . . for a railroad route from the Mississippi River to the Pacific Ocean, 1833-1855, vol. 10. (A)
- Pacific Railroad reports, vol. 6. (Washington, 1857.)
- Author of various biographical memoirs, professional papers, etc. (1861-96.)
- Siege artillery in the campaigns against Richmond. 1 vol., O., 1867. 3 copies. Prof. Papers, Corps of Eng. U. S. A., No. 14. (A)
- Notes on the practical gauging of rivers. Essays Club Papers, No. 2, 1868. (A)
- Notes on mortars in harbor defence. Essays Club Papers, No. 11, 1869. (A)
- Project, plan, estimate, etc., for the improvement of Mississippi River levees. Rept. Chief of Eng., 1869, pp. 328, 330, 332, 334, 344, 347; 1870, pp. 402, 405; 1874, vol. 1, pp. 383, 387, 397. (C)
- Volley practice with mortars. Rept. Chief of Eng., 1865, p. 519. (A)
- Harbor lines in Cleveland Harbor, Ohio. Rept. Chief of Eng., 1865, p. 3128. (A)
- United States bridge equipage and drill. (1870.) (Jointly with boards and commissioners.
- Notes on modern explosives. Essays Club Papers, No. 27, 1873. (A)

- Abbott, Henry Larcom. Reclamation of the alluvial basin of the Mississippi River. (1875.)
 — Simultaneous ignitions. Essayons Club Papers, No. 30, 1875.
 — Shock of the explosion at Hallets Point. Essayons Club Papers, No. 40, 1876. (A)
 — Report on the velocity of transmission of earth waves. (O.) 1878. [Misc. Pam., vol. 11.] *In Am. Jour. Sci. and Arts*, vol. 15, 1878. (A)
 — Memoir of Prof. Dennis Hart Mahan, 1802-1871. Read before the National Academy of Sciences Nov. 7, 1878. Pam., O. (A)
 — Testing of medium and high tension fuses. Essayons Club Papers, No. 47, 1879. (A)
 — Hasty notes relating to military engineering in Europe; made in the autumn of 1883. Submitted to the Chief of Engineers, Washington, 1883. 1 pam., O.
 — Report of gun foundry board. (1884.)
 — Course of lectures upon the defence of the sea coast of the United States, delivered before the United States Naval War College, New York, 1888. 1 vol., O., pp. 167. (A)
 — Notes on electricity in military and industrial engineering. O. Willets Point, 1888.
 — Coast defense, including submarine mines. Oper. Div. Mil. Eng. Int. Cong. Eng., 1894, p. 13. (A)
 — The new Panama Canal. Reprinted from Forum, November, 1895. 1 pam., O. (A)
 — Memoir of G. K. Warren. *In Biog. Mem. Nat. Acad. Sci.* vol. 2, p. 73. (A)
 — Discussion of Parkhurst electricity and the art of war. *Jour. U. S. Art.*, vol. 1, p. 357.
 — Vertical fire in seacoast batteries. *Jour. U. S. Art.*, vol. 5, p. 313.
 — Recent progress in high explosives and their uses in war. *Jour. Mil. Serv. Inst. U. S.*, vol. 6, p. 103. (A)
 — Comment on "meritorious discharged soldiers." *Jour. Mil. Serv. Inst. U. S.*, vol. 11, p. 1024. (A)
 — Comment on "coast and harbor defense." *Jour. Mil. Serv. Inst. U. S.*, vol. 13, p. 546. (A)
 — Recruiting and desertion. *Jour. Mil. Serv. Inst. U. S.*, vol. 14, p. 921. (A)
 — The Corps of Engineers. *Jour. Mil. Serv. Inst. U. S.*, vol. 15, p. 413. (A)
 — Coast defense and submarine mines. *Jour. Mil. Serv. Inst. U. S.*, vol. 15, p. 451. (A)
 — History of the Corps of Engineers. *History U. S. Army*, pp. 111-125. (A)
 — Author of various articles on professional subjects in Johnson's Encyclopædia, Encyclopædia Britannica, the Forum, and Atlantic Monthly.
 — with Humphreys, A. A. Report upon the physics and hydraulics of the Mississippi River; upon the protection of the alluvial region against overflow, and upon the deepening of the mouths. Prof. Papers, Corps of Eng. U. S. A. No. 13. Philadelphia, 1861. Q. (A)
 — and Humphreys, Andrew Atkinson (U. S. M. A., 1831). Physics and hydraulics of the Mississippi. . . . Reply to criticisms made by Dr. Hagen, director-general of public works, Prussia. New York, 1878. 1 vol., O., pp. 8. (A)
- Abbott, Henry Larcom, and Raymond, Capt. Rossiter Worthington, Corps of Engineers. Observations at the recent transit of Venus on Dec. 6, 1882, made at the Willets Point field observatory. Q. Willets Point, New York Harbor, Battalion Press, n. d. [Engineer School of Application, Paper No. V.]
 — See Williamson, R. S., *in* Reports of explorations . . . for a railroad from the Mississippi River to the Pacific Ocean, 1853-1855, vol. 6. (A)
 — See Boards—Abbot; Bache, 3; Casey, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13; Duane, 2, 3, 4, 5, 6; Maccomb, 34; Newton, 6; Tower, 8, 9, 12, 16, 17, 18, 20, 23, 24, 25, 26, 27, 28, 30, 31; Warren, 12, 13. (A)
- Abbott, Edward Fifield (U. S. M. A., 1847). Died Feb. 1, 1901, aged 76. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Abbott, Henry (U. S. M. A., 1807). Died Dec. 23, 1898, aged 23. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1899. (A)
 — Recent Japanese maneuvers. *Jour. Mil. Serv. Inst. U. S.*, vol. 11, p. 748. (A)
- Abbott, John S. (of Maine). Member of Board of Visitors to U. S. M. A., in 1849.
- Abercrombie, John Joseph (U. S. M. A., 1822). Died Jan. 3, 1877, aged 79. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- Abert, James William (U. S. M. A., 1842). Died Aug. 10, 1897, aged 76. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1898. (A)
 — Expedition on the upper Arkansas and to the Comanche Indians. 1845. (A)
 — Report of his examination of New Mexico in the years 1846 and 1847. Explorations and Surveys. (A)
 — Author of various professional and miscellaneous papers. (1846-1880).
 — and Peck, William Guy (U. S. M. A., 1844). Maps of the Territory of New Mexico, 1846-47. 1 map (23 x 28 inches). (A)
- Abert, John James (U. S. M. A., 1811). Portrait (oil painting by Thomas Sully). Presented by Corps Topographical Engineers. *In* the library, U. S. M. A.
 — Engraving (by J. C. Buttre). Owned by Assoc. Grads. U. S. M. A.
 — Member of Board of Visitors to U. S. M. A., in 1842.
 — Reports as Chief Topographical Engineers, 1838-1861. (C)
 — On details of topographical officers. U. S. Coast Survey Rept., 1850, pp. 72-74. (A)
 — Report in reference to the canal to connect the Chesapeake and Ohio Canal with the city of Baltimore. . . . 1838. Reprinted for . . . the Engineer Department, U. S. Army. Washington, 1874. 1 pam., O. (A)
- Adams, Henry Martyn (U. S. M. A., 1866). Photograph *in* Albums of officers' mess.
 — Project, plan, estimate, etc., for the improvement of Brazos, Santiago Harbor, Tex. Rept. Chief of Eng., 1871, pp. 67, 545, 546. (C)
 — Galveston Bay Ship-Channel, Tex. Rept. Chief of Eng., 1871, pp. 533, 535, 536; 1874, vol. 1, p. 740, 1875, vol. 1 pp. 79, 870, 872. (C)

Adams, Henry Martyn. Project, plan, estimate, etc., for the improvement of Mississippi City Harbor, Miss. Rept. Chief of Eng., 1871, pp. 547, 549. (C)

——— Neches River, Tex. Rept. Chief of Eng., 1874, vol. 1, p. 743. (C)

——— Newtown Creek, N. Y. Report Chief of Eng., 1896, p. 793. (A)

——— Bridgeport Harbor, Conn. Rept. Chief of Eng., 1896, p. 804. (A)

——— Norwalk Harbor, Conn. Rept. Chief of Eng., 1896, p. 813. (A)

——— Channel connecting Flushing Bay and Newtown Creek, N. Y. Rept. Chief of Eng., 1897, p. 1159. (A)

——— Roslyn Harbor, N. Y. Rept. Chief of Eng., 1897, p. 1161. (A)

——— Harbor at Oyster Bay, N. Y. Rept. Chief of Eng., 1897, p. 1163. (A)

——— Lloyds Harbor, N. Y. Rept. Chief of Eng., 1897, p. 1165. (A)

——— Northport Harbor, N. Y. Rept. Chief of Eng., 1897, p. 1167. (A)

——— Smithtown Harbor, N. Y. Rept. Chief of Eng., 1897, p. 1169. (A)

——— Channels to Far Rockaway and Inwood, N. Y. Rept. Chief of Eng., 1897, p. 1171. (A)

——— Babylon Creek, N. Y. Rept. Chief of Eng., 1897, p. 1173. (A)

——— East Chester Creek, N. Y. Rept. Chief of Eng., 1897, p. 1176. (A)

——— Bay Ridge Channel, etc., N. Y. Rept. Chief of Eng., 1897, p. 1178. (A)

——— Gowanus Creek, N. Y. Rept. Chief of Eng., 1897, p. 1180. (A)

——— channel between the Battery and Governors Island, N. Y. Rept. Chief of Eng., 1897, p. 1182. (A)

——— Elizabeth River, N. J. Rept. Chief of Eng., 1897, p. 1185. (A)

——— Rahway River, N. J. Rept. Chief of Eng., 1897, p. 1188. (A)

——— Wallabout channel, New York, N. Y. Rept. Chief of Eng., 1899, p. 1251. (A)

——— Bay Ridge channel, New York, N. Y. Rept. Chief of Eng., 1899, p. 1272. (A)

——— East River, N. Y. Rept. Chief of Eng., 1900, p. 1435. (A)

——— Sag Harbor, N. Y. Rept. Chief of Eng., 1900, p. 1451. (A)

——— Three-Mile Harbor, N. Y. Rept. Chief of Eng., 1900, p. 1454. (A)

——— South Pass, Miss. Rept. Chief of Eng., 1900, p. 2225. (A)

——— Atchafalaya Bay, La. Rept. Chief of Eng., 1900, p. 2284. (A)

——— Report in regard to the trial of Gruson's chilled cast-iron armor, at Spezia, Italy, April, 1886. O., pp. 7, pl. Washington, 1886.

——— See Boards—Allen, 2; Poe, 12, 13; Abbot, 23; Mansfield, 2; Barlow, 1; Robert, 9, 10, 13, 16, 17, 18, 20, 27, 32. See Commission—Stickney, 8. (A)

Adams, Jasper (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1837.

Adams (Rev. Jasper). Professor of geography, history, and ethics, 1838-1840.

Adams, John (U. S. M. A. 1816). Died Nov. 1864. Engraving. Owned by Assoc. Grads. U. S. M. A.

Adams, John M. (of Maine). Member of Board of Visitors to U. S. M. A. in 1888.

Adams, Milton Butler (U. S. M. A. 1868). Photograph in Albums of officers' mess.

——— Project, plan, estimate, etc., for the improvement of French Broad River, Tenn. Rept. Chief of Eng., 1871, pp. 493, 494; 1889, pp. 187, 1680; 1886, p. 1523; 1891, p. 2263. (C)

——— Erie (Presque Isle) Harbor, Pa. Rept. Chief of Eng., 1879, pp. 1713. (C)

——— Ashtabula Harbor, Ohio. Rept. Chief of Eng., 1883, p. 1618. (C)

——— Dunkirk Harbor, N. Y. Rept. Chief of Eng., 1883, p. 1628. (C)

——— Arkansas River, Ark. and Kans. Rept. Chief of Eng., 1884, p. 1395; 1885, p. 1565; 1887, p. 1515. (C)

——— Arkansas River at Pine Bluff, Ark. Rept. Chief of Eng., 1884, p. 1396. (C)

——— Arkansas River at Fort Smith, Ark. Rept. Chief of Eng., 1884, p. 1397; 1885, p. 1505. (C)

——— Burlington Harbor, Vt. Rept. Chief of Eng., 1887, pp. 315, 2199. (C)

——— Gordons Landing, Lake Champlain, Vt. Rept. Chief of Eng., 1887, p. 2400; 1892, p. 2607. (C)

——— Lake Champlain. Rept. Chief of Eng., 1887, p. 2413. (C)

——— Waddington Harbor, N. Y. Rept. Chief of Eng., 1887, p. 2415. (C)

——— Swanton Harbor, Vt. Rept. Chief of Eng., 1888, p. 2095; 1889, p. 2458. (C)

——— Bridge between North Hero and Alburgh. Rept. Chief of Eng., 1888, pp. 2432, 2433. (C)

——— Bridge of the Lamoille Valley Extension R. R. Co. Rept. Chief of Eng., 1888, p. 2652. (C)

——— Mattsburg Harbor, N. Y. Rept. Chief of Eng., 1889, pp. 344, 2459. (C)

——— Lake George, N. Y. Rept. Chief of Eng., 1889, p. 2454. (C)

——— Salmon River, N. Y. Rept. Chief of Eng., 1889, p. 2460. (C)

——— Saint Lawrence River, N. Y. Rept. Chief of Eng., 1889, p. 2464; 1891, p. 2622. (C)

——— Great Chazy River, N. Y. Rept. Chief of Eng., 1889, p. 2466; 1891, p. 2929; 1892, p. 2605. (C)

——— Sacketts Harbor, N. Y. Rept. Chief of Eng., 1890, p. 2868. (C)

——— Ogdensburg Harbor, N. Y. Rept. Chief of Eng., 1890, p. 2872; 1892, p. 2602. (C)

——— Fort Niagara, N. Y. Rept. Chief of Eng., 1891, p. 518. (C)

——— Saranac River, N. Y. Rept. Chief of Eng., 1891, p. 2939. (C)

——— Boquet River, N. Y. Rept. Chief of Eng., 1891, p. 2941. (C)

——— Breakwater construction in Lake Champlain. Rept. Chief of Eng., 1893, p. 3202. (A)

- Adams, Milton Butler.** Project, plan, estimate, etc., for the improvement of North Hero Harbor on Lake Champlain, Vt. Rept. Chief of Eng., 1893, p. 3214. (A)
- Harbor at Adams (Tobias) Landing, so called, on Grand Isle, Vt. Rept. Chief of Eng., 1893, p. 3216. (A)
- Cumberland River, Tenn.-Ky. Rept. Chief of Eng., 1900, p. 2891. (A)
- Arkansas River, map of the, from Wichita, Kans., to Fort Gibson, Ind. T. (in 36 sheets). 1889.
- See Boards—Mansfield, 2; Adams (M. B.).
- Adams, Robert** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1898.
- Agnel, Hyacinth K.** Portrait (oil painting by Gray). Presented by War Department, 1875.
- Photograph in Albums of officers' mess.
- Professor of French, 1848-1871.
- Acting professor of Spanish, 1863-64
- Act of Congress, Aug. 3, 1882, authorizes a payment to his heirs on account of money expended by him at U. S. M. A. (A)
- Agnus, Gen. Felix** (of Maryland). Member of Board of Visitors to U. S. M. A. in 1892 and in 1899.
- Ahern, George Patrick** (U. S. M. A., 1882). Spanish public land laws (English translation) in the Philippine Islands, and their history to Aug. 13, 1898. Washington, 1901. 1 vol., O. (A)
- Aiken, William** (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1871.
- Akerman, A. T.** (of Georgia). Member of Board of Visitors to U. S. M. A. in 1873.
- Alban, James S.** (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1861.
- Alden, Bradford Ripley** (U. S. M. A., 1831). Died Sept. 10, 1870, aged 59. Portrait (oil painting by J. E. Weir). Presented by Mrs. Alden. In Cadet mess hall.
- Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1871. (A)
- Commandant of cadets, U. S. M. A., 1845-1852.
- Alderman, Edwin A.** (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1893.
- Aldis, Asa O.** (of Vermont). Member of Board of Visitors to U. S. M. A. in 1864.
- Alexander, Barton Stone** (U. S. M. A., 1842). Died Dec. 15, 1878, aged 59. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1879. (A)
- Treasurer U. S. M. A., July 28, 1848, to Jan. 24, 1852.
- The peninsular campaign. The Atlantic Monthly, vol. 13, p. 379, 1864.
- Project, plan, estimate, etc., for the improvement of Portland Harbor, Me. Rept. Chief of Eng., 1866, vol. 1, p. 40; vol. 3, p. 18; vol. 4, pp. 185, 187; 1867, p. 485. (C)
- Kennebec River, Me. Rept. Chief of Eng., 1866, vol. 2, p. 40; 1867, p. 493. (C)
- Saco River, Me. Rept. Chief of Eng., 1866, vol. 3, p. 18; vol. 4, pp. 189, 191. (C)
- Alexander, Barton Stone.** Project, plan, estimate, etc., for the improvement of Blossom Rock, Cal. Rept. Chief of Eng., 1869, pp. 485, 486, 490; 1871, pp. 926, 929. (C)
- See Mendell, G. H.: Report of the board of commissioners on the irrigation of the San Joaquin, Tulare, and Sacramento valleys of the State of California. Washington, 1874. O.
- Memoir on the Minots Ledge Lighthouse. O. (Trans. Amer. Soc. Civil Eng., vol. 8, 1879.) [Bound with General Barnard's Lighthouse Engineering at Philadelphia Exhibition.]
- Alexander, Edmund Brooke** (U. S. M. A., 1823). Died Jan. 3, 1888, aged 85. Obituary in Ann. Assoc. Grads. U. S. M. A., 1888. (A)
- Obituary. Harper's New Monthly Mag., vol. 76 (1888), p. 645. (A)
- Tickett's charge and artillery fighting at Gettysburg. In Century Mag., January, 1887, p. 464. (A)
- Railway management. In The Amer. Rwy., New York, 1889. 1 vol., O.
- Why the Confederacy failed. In Century Mag., February, 1897, p. 629.
- Alexander, Edward Porter** (U. S. M. A., 1857). Photograph in Albums of officers' mess.
- Argument of . . . before the senate railroad committee, Atlanta, Ga., . . . 1879. 1 vol., O., 22 pp. (A)
- Argument of . . . on railroad bills before the judiciary committee of the senate of Alabama, February, 1881. 1 vol., O., 28 pp. (A)
- Reply to questions of the special committee on railroad transportation of the New York Chamber of Commerce. 12^o, pam. Louisville, 1881. (A)
- Reply to circular No. 19 of the railroad commission of Alabama. 12^o, pam. Louisville, 1881. (A)
- Railway practice, its principles and suggested reforms, received. (Questions of the Day, No. 36.) 1 vol., O. 1887. (A)
- Catterel-Ratterel-(Doggerel). Ill. New York., 1890. 1 vol., O., 39 pp. (A)
- Boundary line between Costa Rica and Nicaragua. Award of E. P. Alexander, engineer arbitrator. No. 5. Center of Salinas Bay. Washington, [1900]. 1 vol., O., 12 pp. (A)
- Lee at Appomattox. Century Mag., vol. 63, p. 921, April, 1902. (P)
- The Confederate veteran: address . . . on alumni day . . . June 9, 1902. 1 vol., O., 14 pp. (A)
- Railway management. Scribner's Mag., vol. 5, p. 27.
- Comment on "Question of an artillery reserve." Jour. Mil. Serv. Inst., U. S., vol. 21, p. 209. (A)
- Alexander, John Hanks** (U. S. M. A., 1887). Died Mar. 26, 1894, aged 30. Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Obituary in Biog. Mem. Nat. Acad. Sci., vol. 1, p. 213.
- Alexander, Newton F.** (U. S. M. A., 1852). Portrait (ambrotype) belonging to Assoc. Grads. U. S. M. A. (A)

- Alexander, Newton F. In charge of permanent tidal stations, western coast. U. S. Coast Survey Rept., 1850, pp. 14, 84, 347-348. (A)
- Tide observations, U. S. Coast Survey Rept., 1850, p. 114. (A)
- Alexander, Samuel (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1841.
- Alexander, Thomas Ludwell (U. S. M. A., 1830). Died Mar. 11, 1881, aged 73. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Alexander, Walter Stone (U. S. M. A., 1870). Photograph in Albums of officers' mess.
- Alexander. See Boards—Alexander, Mendell, 1; Stewart, 1; Williamson, 1, 2, 3, 4, 5; Wright, 3. See Commissions.
- Allaire, William Herbert (U. S. M. A., 1882). Photograph in Albums of officers' mess.
- Allen, Charles Julius (U. S. M. A., 1864). Project, plan, estimate, etc., for the improvement of Plattsburg Harbor, N. Y. Rept. Chief of Eng., 1867, pp. 234, 250. (C)
- Alton Harbor, Ill. Rept. Chief of Eng., 1871, pp. 318, 327. (C)
- Mississippi River between Falls of St. Anthony and Cairo. Rept. Chief of Eng., 1871, pp. 320, 327; 1872, pp. 55, 348, 349, 350, 351, 353, 354, 356, 357, 362, 363, 366, 367; 1873, p. 455; 1874, vol. 1, p. 326; 1875, vol. 2, pp. 460, 461, 462, 466, 486; 1876, vol. 1, pp. 636, 645, 653; vol. 2, pp. 179, 180; 1877, p. 514; 1878, p. 686.
- St. Louis Harbor, Mississippi River. Rept. Chief of Eng., 1871, p. 326; 1872, p. 348. (C)
- Osage River, Mo. Rept. Chief of Eng., 1874, vol. 1, p. 348. (C)
- Mississippi River above the Falls of St. Anthony. Rept. Chief of Eng., 1870, pp. 134, 1167, 1204, 1205, 1216. (C)
- Chippewa River, Wis. Rept. Chief of Eng., 1879, p. 1170. (C)
- Red River of the North, at Goose Rapids, Minn., and Dak. Rept. Chief of Eng., 1879, p. 1191; 1881, p. 1760; 1887, pp. 1721, 1722. (C)
- Duluth Harbor, Minn. Rept. Chief of Eng., 1879, p. 1466. (C)
- Mississippi River above the Falls of St. Anthony. Rept. Chief of Eng., 1881, pp. 1833, 1836. (C)
- Chippewa River, including Yellow Banks Wis. Rept. Chief of Eng., 1883, p. 1442; 1886, p. 1479. (C)
- Minnesota River, Minn. Rept. Chief of Eng., 1884, p. 1032. (C)
- Duluth Harbor, Minn. Rept. Chief of Eng., 1884, p. 1811; 1886, p. 1628; 1887, p. 1940. (C)
- Big Stone Lake and Lake Traverse, Minn. Rept. Chief of Eng., 1885, p. 1953. (C)
- Agate Bay, Minn. Rept. Chief of Eng., 1885, p. 1956. (C)
- Superior Bay and St. Louis Bay, Wis. Rept. Chief of Eng., 1885, pp. 1959, 1903; 1887, p. 1947. (C)
- Grand Portage and Wausau-Wau-Goising Bay, Minn. Rept. Chief of Eng., 1885, p. 2111. (C)
- Allen, Charles Julius. Project, plan, estimate, etc., for the improvement of Hudson, Wis. Rept. Chief of Eng., 1887, p. 1724. (C)
- Red Lake River, Minn. Rept. Chief of Eng., 1887, p. 1720. (C)
- Red River of the North, Minn. and Dak. Rept. Chief of Eng., 1887, p. 1744; 1888, p. 1587. (C)
- Mississippi River, between St. Paul and St. Anthony's Falls, Minn. Rept. Chief of Eng., 1888, pp. 1508, 1571. (C)
- Minnesota Point, Superior Bay, Minn. Rept. Chief of Eng., 1888, p. 1580. (C)
- Bridge at Hudson City, Wis., and Durand, Wis. Rept. Chief of Eng., 1888, p. 2037. (C)
- Missouri River (upper). Rept. Chief of Eng., 1889, p. 1815. (C)
- Bayou Cedar, Tex. Rept. Chief of Eng., 1890, pp. 1817, 1818; 1891, p. 1623; 1892, p. 1544. (C)
- Trinity River, Tex. Rept. Chief of Eng., 1891, p. 1938. (C)
- Colorado River, Tex. and Ariz. Rept. Chief of Eng., 1891, p. 1940. (C)
- St. Charles Bay, Tex. Rept. Chief of Eng., 1891, p. 1942. (C)
- Aransas Pass and Bay, Tex. Rept. Chief of Eng., 1891, p. 1943. (C)
- Galveston Bay (West), Tex. Rept. Chief of Eng., 1892, pp. 1508, 1560. (C)
- Brazos River, Tex. Rept. Chief of Eng., 1893, p. 1894. (A)
- Chapel Point Harbor, Md. Rept. Chief of Eng., 1897, p. 1351. (A)
- Anacostia River. Rept. Chief of Eng., 1899, p. 1443. (A)
- Patuxent River, Md. Rept. Chief of Eng., 1900, p. 1730. (A)
- Breton Bay, Md. Rept. Chief of Eng., 1900, p. 1743. (A)
- Carters Creek, Va. Rept. Chief of Eng., 1900, p. 1747. (A)
- Jackson Creek, Va. Rept. Chief of Eng., 1900, p. 1753. (A)
- James River, Va. Rept. Chief of Eng., 1900, p. 1754. (A)
- Memorial Bridge, Potomac River. Rept. Chief of Eng., 1900, p. 5125. (A)
- Quantico Creek, Va. Rept. Chief of Eng., 1901, p. 1440. (A)
- Photographs of dredge built by the United States under his direction for service on the Red River of the North. 1870. 2 sheets.
- Photographic views of reservoir dams at headwaters of Mississippi River. [Leech Lake, Winnibigoshish, and Pokegama dams.] Improvement under his direction. 12 sheets.
- Allen, Harvey Abner (U. S. M. A., 1841). Died Sept. 20, 1882, aged 64. Obituary in Ann. Assoc. Grads. U. S. M. A., 1883. (A)
- Allen, Henry Tureman (U. S. M. A., 1882). Photograph in Albums of officers' mess.
- Expedition to Copper, Tanana, and Koyuk rivers in Alaska in 1885. No. 249, doc. 125. (C)

- Allen, Henry Tuteman. Instructions for foot combat in Russian army. *Jour. Cav. Assoc.*, 1889, p. 364. (A)
- A hundred versts' race. *Jour. Cav. Assoc.*, 1895, p. 61. (A)
- Mounted cavalry in the Santiago campaign. *Jour. Cav. Assoc.*, 1899, p. 357. (A)
- Influence of small caliber rifles on the occupation of defensive positions. (Translation.) *Jour. U. S. Art.*, vol. 3, p. 741.
- [Translation of] Zabudsky: Resistance of the air for great velocities of projectiles. *Jour. U. S. Art.*, vol. 5, p. 369.
- Central military administrations of five great powers. *Jour. Mil. Serv. Inst. U. S.*, vol. 19, p. 93. (A)
- Makshayeff's "Supply of ammunition in war for all arms." *Jour. Mil. Serv. Inst. U. S.*, vol. 20, p. 583. (A)
- , translator. Advanced post service in Russia. *Jour. Mil. Serv. Inst.*, vol. 25, p. 17. (A)
- Organization of a staff best adapted to the U. S. Army. *Jour. Mil. Serv. Inst. U. S.*, vol. 28, p. 169.
- Allen, James (U. S. M. A., 1829). Expedition to headwaters of rivers Des Moines, Blue Earth, etc. 1844. No. 485, doc. 168, 1846. (C)
- and Schoolcraft, H. B. [sic.] Expedition to Northwestern Indians, 1832. No. 257, doc. 225. (C)
- Allen, Lucius Hamilton (U. S. M. A., 1839). Died Dec. 5, 1887, aged 70. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1888. (A)
- Allen, Robert (U. S. M. A., 1836). Died Aug. 5, 1886, aged 74. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1887. (A)
- Allen, Robert T. P. (U. S. M. A., 1834). Proprietor and publisher Pacific News at San Francisco, Cal., 1850.
- Allen, Samuel Edward (U. S. M. A., 1881). Coast Artillery fire instruction. *Jour. U. S. Art.*, vol. 3, p. 229.
- Trained artillery for the defense of sea-coast forts. *Jour. U. S. Art.*, vol. 4, p. 214.
- Discussion of sea coast defenses and the organization of our sea coast artillery forces. *Jour. U. S. Art.*, vol. 5, p. 376.
- Comment on "Range and position finding." *Jour. Mil. Serv. Inst.*, vol. 12, p. 1029. (A)
- Comment on "Position finding service." *Jour. Mil. Serv. Inst.*, vol. 13, p. 541. (A)
- Allen, Thomas M. (of Missouri). Member of Board of Visitors to U. S. M. A. in 1863.
- Allen, Vanderbilt (U. S. M. A., 1864). Died Mar. 6, 1898, aged 50. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1898. (A)
- Allen. *See* Boards—Abbot, 2, 3; Allen, —; Comstock, 19, 17, 18, 20; Davis, 1; Harris, 8; Houston, 7, 8, 9; Macomb, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30; Newton, 2, 3, 4; Poe, 2, 5, 6, 12, 13; Simpson, 9; Suter, 3. *See* Commissions—Suter, 4, 5. (A)
- Allison, James Nicholas (U. S. M. A., 1871). Comment on "Military gymnastics." *Jour. Mil. Serv. Inst. U. S.*, vol. 12, p. 668. (A)
- Allison, John (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1901.
- Allison, W. B. (of U. S. Senate). Member of Board of Visitors to U. S. M. A. in 1875.
- Allston, Benjamin (U. S. M. A., 1853). Died Jan. 15, 1900, aged 67. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Allston, Robert Francis Withers (U. S. M. A., 1821). Memoir on rice. (1843.)
- Report on public schools. (1847.)
- Essay on seacoast crops. (1854.)
- Allyn, Robert (of Rhode Island). Member of Board of Visitors to U. S. M. A. in 1854.
- Almy, Jacob (U. S. M. A., 1867). Died May 27, 1873, aged 37. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1873. (A)
- Alvord, Benjamin (U. S. M. A., 1833). Died Oct. 16, 1884, aged 71. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1885. (A)
- Obituary. *Harper's New Monthly Mag.*, vol. 70 (1885), p. 331. (A)
- Numerous essays and reviews, 1833-1867.
- Address before the Dialectic Society of the corps of cadets, 1839. (A)
- An account of the compass plant (of which Alvord was the scientific discoverer), read to the National Institute of Washington, 1842, and, with additions, subsequently delivered to other scientific bodies and finally published.
- On the Compass Plant. In *Proc. Amer. Assoc. for Adv. of Sci.*, p. 12. Cambridge, Mass., August, 1849.
- *Amer. Nat.*, vol. 16, August, 1882. 1 vol., 0.
- The tangencies of circles and of spheres. (1855.) 8th vol. of Smithsonian Contributions to Knowledge.
- on the interpretation of imaginary roots in questions of maxima and minima. In *Mathematical Monthly*, vol. 2, p. 237, 1860. (A)
- Memoir on the intersection of circles, and the intersection of spheres, 1860, and, with extensions, read 1878 before the National Academy of Sciences.
- The mortality among army officers from 1824 to 1873. In *Proc. Am. Assoc. for Adv. of Sci.*, 1874.
- Biographical sketches of several graduates of the U. S. M. A., 1874-1882.
- Biographical sketch from the life of M. C. M. Hammond. Augusta, Ga. (1876?). 1 vol., 0., pp. 17. (A)
- Tangencies. Vol. 4 of Johnson's *New Universal Encyclopedia*, 1877.
- Winter grazing in the Rocky Mountains. Published in *Bull. Amer. Geog. Soc.*, 1883.
- Curious fallacy in the theory of gravitation. In vol. 5 of the *Bull. Phil. Soc. of Washington*, 1884.
- A special case of maxima and minima. In vol. 6, *Bull. Phil. Soc. of Washington*, 1884.
- , translator. The question of the cavalry horse. *Jour. Cav. Assoc.*, 1897, p. 458. (A)
- Remarks . . . upon the reorganization of the Army. *Washington*. 1 vol., 0., pp. 12. (A)
- Indian superstitions. (Paper read before societies.)

- Alvord, Benjamin.** Introduction of the Catholic worship into Mexico. (Paper read before societies.)
- Treatment of the natives in America by the Spanish monarchs of the sixteenth century. (Paper read before societies.)
- True science as opposed to skepticism (Paper read before societies.)
- Ammen, Gen. J. (of Maryland).** Member of Board of Visitors to U. S. M. A. in 1865.
- Ammen, Jacob (U. S. M. A., 1811).** Died Feb. 6, 1894, aged 88. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1894. (A)
- Anderson, Charles (of Texas).** Member of Board of Visitors to U. S. M. A. in 1862.
- Anderson, Charles M. (of Ohio).** Member of Board of Visitors to U. S. M. A. in 1887.
- Anderson, Edward (U. S. M. A., 1888).** Manual of the service of security and information, prepared for the use of the cadets of the U. S. M. A. West Point, 1900. 1 vol., O., 112 pp. (A)
- Bookkeeping for post exchanges. *Jour. Mil. Serv. Inst., U. S.*, vol. 15, p. 1108. (A)
- Anderson, Edward D. (U. S. M. A., 1891).** The officers' patrol. *Jour. Cav. Assoc.*, 1895, p. 210. (A)
- Anderson, George Lucius (U. S. M. A., 1874).** Course of instruction for artillery gunners. Electricity and its application in artillery practice . . . Prepared for publication under direction of . . . John M. Schofield . . . by . . . Tasker H. Bliss . . . Washington, 1893. 1 pam., O. Art. circular C, Jan. 17, 1893. Also reprinted, 1891. 1 pam., O.
- Notices of Thompson's Dynamo electric machinery; Houston's electrical dictionary; Ewing's magnetic induction in iron and other metals; Crocker and Wheeler's practical management of dynamos and motors. *Jour. U. S. Art.*, vol. 1, pp. 282, 283.
- Land mines. *Jour. Mil. Serv. Inst., U. S.*, vol. 20, p. 278. (A)
- Anderson, George Smith (U. S. M. A., 1871).** Photograph *in Albums of officers' mess.*
- Authorizing acceptance of diploma and decoration from France. No. 2674, doc. 4025; No. 2804, doc. 736. (C)
- Work of the cavalry in the Yellowstone Park. *Jour. Cav. Assoc.*, 1897, p. 3. (A)
- Anderson, John (U. S. M. A., 1807).** Died in 1834. Project, plan, estimate, etc., submitted 1827, for the improvement of Westport (Saugatuck) Harbor, Conn. Rept. Chief of Eng., 1871, p. 801; 1873, p. 1022. (C)
- Stonington Harbor, Conn. Rept. Chief of Eng., 1872, p. 920; 1879, p. 327. (C)
- Nantucket Harbor, Mass. Rept. Chief of Eng., 1873, vol. 2, p. 376. (C)
- Anderson, John T. (of —).** Member of Board of Visitors to U. S. M. A. in 1834.
- Anderson, Joseph Reid (U. S. M. A., 1830).** Died Sept. 7, 1892, aged 80. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1893. (A)
- Anderson, M. B. (of New York).** Member of Board of Visitors to U. S. M. A. in 1869.
- Anderson, Richard Herron (U. S. M. A., 1812).** Died June 26, 1870, aged 57. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1880. (A)
- Anderson, Robert (U. S. M. A., 1827).** Died Oct. 26, 1871, aged 66. Portrait (oil painting by A. J. Conant). Presented by Mrs. James M. Lawton. In memorial hall, West Point.
- Engraving (by H. Wright Smith). Owned by Assoc. Grads. U. S. M. A.
- Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1872. (A)
- Obituary. Harper's New Monthly Mag., vol. 41 (1872), p. 313. (A)
- In memoriam. *In Fifth reunion of the Army of the Cumberland*, Detroit, November, 1871, p. 189. Cincinnati, 1872. (A)
- Instruction for field artillery, horse and foot. Philadelphia, 1830. 1 vol., O., pp. 191. Translated from French for the service of the United States. (A)
- Member of a commission to examine into the organization, discipline, and instruction at U. S. M. A. Report *in Senate Misc. Doc. No. 3*, 30th Cong., 2d sess., Dec. 13, 1860, 350 pp. (C)
- , translator. Evolutions of field batteries, 1800.
- Anderson, Robert Houston (U. S. M. A., 1857).** Died Feb. 8, 1888, aged 62. Bronze bust in Bonaventure le cemetery, Savannah, Ga.
- Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1888. (A)
- Member of Board of Visitors to U. S. M. A. in 1879 and in 1887.
- Anderson, Samuel Smith (U. S. M. A., 1841).** Died Feb. 20, 1901, aged 81. Obituary and portrait *in Ann. Assoc. Grads. U. S. M. A.*, 1901. (A)
- Andrews, E. W. (of Connecticut).** Member of Board of Visitors to U. S. M. A. in 1853.
- Andrews, George (U. S. M. A., 1823).** Died Nov. 13, 1873, aged 70. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1874.
- Andrews, George (U. S. M. A., 1876).** History of the Twenty-fifth Regiment of Infantry. Hist. U. S. Army, pp. 697-698. (A)
- Andrews, George Leonard (U. S. M. A., 1851).** Died Apr. 4, 1899, aged 71. Portrait (oil painting by James C. Beckwith, 1886). Presented by U. S. M. A. In the library.
- Photograph *in Albums of officers' mess.*
- Obituary and portrait *in Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Brigadier-general, brevet major-general, U. S. Volunteers; colonel, U. S. Army (1828-1899); professor, U. S. M. A. In memoriam. M. O. L. I. U. S., Mass., 1 pam., O., 1899.
- Professor of French U. S. M. A., 1871-1882.
- Professor of modern languages, U. S. M. A., June 30, 1882.
- West Point and the colored cadets. *In Internat. Rev.*, November, 1880, pp. 477-498. (A)
- The Military Academy and its requirements . . . West Point, 1883. 1 vol., O., 38 pp. (A)
- The Military Academy and the education of officers. *In Jour. Mil. Serv. Inst. U. S.*, vol. 16 (1895), p. 319. (A)

- Andrews, George Leonard.** Comment on Hawkins's Manual of infantry drill. *Jour. Mil. Serv. Inst. U. S.*, vol. 11, p. 658.
- Comment on The Military Academy, etc. *Jour. Mil. Serv. Inst.*, vol. 16, p. 316. (A)
- Andrews, George Pearce** (U. S. M. A., 1848). Died July 2, 1887, aged 66. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1888. (A)
- Andrus, Edwin Proctor** (U. S. M. A., 1875). The saber. *Jour. Cav. Assoc.*, 1892, p. 375. (A)
- Andruss, Isaac** (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1828.
- Angamar, Eugene H.** (of Louisiana). Member of Board of Visitors to U. S. M. A. in 1897.
- Anonymous.** United States Infantry tactics . . . by a graduate of the U. S. M. A. and retired officer of the late Mexican war. Fortune's Ed. New York, 1861. 1 vol., O., pp. 149. (A)
- The autobiography of a West Pointer, by Capt. Dum John, of the late U. S. Army. Ill. New York, 1882. 1 vol., O. (A)
- Visit to West Point. *Once a Week*, vol. 6, p. 295.
- West Pointers and Volunteers. *Nation*, vol. 2, p. 490.
- West Point and its wants. *Nation*, vol. 12, p. 142.
- Competitive examination at West Point. *Amer. Jour. Ed.*, vol. 15, p. 51.
- *See Amer. Jour. Ed.*, vol. 13, pp. 17, 650; *Amer. Quest.*, vol. 11, p. 495; vol. 16, p. 385; vol. 22, p. 77; *Anal. M.*, vol. 16, p. 171; *New Eng. Mag.*, vol. 3, p. 264; *Niles' Reg.*, vol. 16 (Supp.), pp. 1, 179; vol. 22, pp. 25, 40, 132; vol. 31, p. 279; vol. 32, p. 380; vol. 34, pp. 40, 341; vol. 36, p. 311; vol. 44, p. 290; vol. 50, p. 325; *So. Lit. Mess.*, vol. 9, p. 665.
- Arbuckle, Mathew** (of U. S. Army). Member of Board of Visitors to U. S. M. A. in 1837.
- Archer, John** (U. S. M. A., 1826). Died Dec. 30, 1889, aged 84. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1895. (A)
- Archer, Robert** (of U. S. Army). Member of Board of Visitors to U. S. M. A. in 1829.
- Archer, Robert Harris** (U. S. M. A., 1832). Died Aug. 11, 1875, aged 63. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1876. (A)
- Archer, Samuel B.** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1819.
- Ard, J. B.** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1838.
- Arden, Thomas Boyle** (U. S. M. A., 1835). Died Aug. 13, 1896, aged 83. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1897. (A)
- Armistead, Walter Keith** (U. S. M. A., 1803). Portrait (oil painting by Thomas Sully). Presented by Corps of Engineers. In library.
- Reports as Chief Engineer, U. S. Army, 1818-1821. (C)
- Armstrong, Frank Spear** (U. S. M. A., 1891). Regimental recruiting . . . Kansas City, 1899. 1 pam., O. (A)
- Armstrong, James W.** (of Georgia). Member of Board of Visitors to U. S. M. A. in 1855.
- Armstrong, John** (U. S. M. A., 1814). Notices of the war of 1812 . . . New York, 1840. 2 vols., O. (A)
- Arnold, Abraham Kerns** (U. S. M. A., 1859). Photograph in Albums of officers' mess.
- translator. Derrecagaix's Command of Armies. *Jour. Cav. Assoc.*, 1888, p. 380. (A)
- A war reminiscence. *Jour. Cav. Assoc.*, 1889, p. 28. (A)
- The cavalry at Gaines Mill. *Jour. Cav. Assoc.*, 1889, p. 355. (A)
- A field exercise at Fort Riley. *Jour. Cav. Assoc.*, 1897, p. 167. (A)
- Notes on our cavalry. *Jour. Mil. Serv. Inst.*, vol. 5, p. 216. (A)
- Comment on Queries on the cavalry equipment. *Jour. Mil. Serv. Inst.*, vol. 14, p. 101. (A)
- Comment on The evolution of cavalry. *Jour. Mil. Serv. Inst. U. S.*, vol. 15, p. 328. (A)
- Arnold, Isaac** (U. S. M. A., 1862). Objections to present method of making purchases. *Rept. Chief of Ord.*, 1889, p. 101; 1890, p. 117; 1891, p. 107. (C)
- Columbia Arsenal, report of principal operations, 1890, p. 123; Selection of stone for use at Columbia Arsenal, p. 123; Cistern recommended for Columbia Arsenal, p. 129. *Rept. Chief of Ord.*, 1890. (C)
- Columbia Arsenal, report of principal operations, 1891, p. 113; Mortar used at Columbia Arsenal for building purposes, p. 114; Stone containing large percentage of petroleum should be rejected, p. 116. *Rept. Chief of Ord.*, 1891. (C)
- Columbia Arsenal, report of principal operations, 1892, p. 319; Features of stable at Columbia Arsenal, p. 323. *Rept. Chief of Ord.*, 1892. (C)
- Electric light and power plant at Watervliet Arsenal, p. 309; Water supply at Watervliet Arsenal, p. 311; Watervliet Arsenal progress of gun construction, 1893, p. 312; Specifications for paving at Watervliet Arsenal, p. 316. *Rept. Chief of Ord.*, 1893. (C)
- Report on coal. *Ord. Note* 16, p. 87, vol. 1. (A)
- Arnold, Isaac N.** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1883.
- Arnold, Lewis Golding** (U. S. M. A., 1837). Died Sept. 22, 1871, aged 55. Portrait (oil painting by Herman Dudley Murphy). Presented by his son, Allen Arnold. In memorial hall.
- Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1872. (A)
- Arnold, Richard** (U. S. M. A., 1850). Died Nov. 8, 1882, aged 54. Engraving (by J. C. Buttre). Owned by Assoc. Grads. U. S. M. A.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1883. (A)
- Arnold, Samuel Benjamin** (U. S. M. A., 1892). Some changes that might benefit the service. *Jour. Cav. Assoc.*, 1897, p. 188. (A)
- Ashby, W. J.** (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1828.
- Askew, H. F.** (of Delaware). Member of Board of Visitors to U. S. M. A. in 1848.

- Aspiuwall, John** (U. S. M. A., 1809). Died Dec. 26, 1881, aged 35. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1882. (A)
- Atherton, B. M.** (of Ohio). Member of Board of Visitors to U. S. M. A. in 1839.
- Atkinson, Henry** (of U. S. Army). Member of Board of Visitors to U. S. M. A. in 1838.
- Atwater, C.** (of Ohio). Member of Board of Visitors to U. S. M. A. in 1824.
- Audenried, Joseph Crain** (U. S. M. A., 1861). Died June 3, 1880, aged 40. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- General Sherman in Europe and the East. *Harper's New Monthly Mag.*, vol. 17, 1873, pp. 225, 481, 652.
- Messina, Sicily. *Harper's New Monthly Mag.*, vol. 47, 1873, p. 229. (A)
- Syracuse, Sicily. *Harper's New Monthly Mag.*, vol. 47, 1873, p. 231. (A)
- Suez Canal. *Harper's New Monthly Mag.*, vol. 47, 1873, p. 233. (A)
- Pyramids of Ghizeh. *Harper's New Monthly Mag.*, vol. 47, 1873, p. 236. (A)
- Augur, Christopher Colon** (U. S. M. A., 1813). Died Jan. 16, 1898, aged 77. Engraving by J. C. Buttre. Owned by Assoc. Grads. U. S. M. A.
- Photograph *in* Albums of officers' mess.
- Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1898. (A)
- Commandant of cadets U. S. M. A., Aug. 26 to Dec. 5, 1861.
- Member of Board of Visitors to U. S. M. A. in 1878.
- Address to the graduating class of 1881, U. S. M. A., June 10, 1881. [n. p., n. d.] 1 vol., 0., 9 pp. (A)
- See Sherman, W. T.: Letters to Generals Ord and Angur. Important historical letters, *in* North Amer. Rev., vol. 143, July, 1890. (A)
- Augur, Jacob Arnold** (U. S. M. A., 1860). Photograph *in* Albums of officers' mess.
- Our new cavalry bit. *Jour. Cav. Assoc.*, 1895, p. 148. (A)
- The shelter tent. *Jour. Cav. Assoc.*, 1897, p. 18. (A)
- Texas mange. *Jour. Cav. Assoc.*, 1899, p. 200. (A)
- Comment on the new carbine and new target practice. *Jour. Mil. Serv. Inst.*, vol. 22, p. 651. (A)
- System of exercises and gymnastics. See Godfrey, Edward Settle
- Augustin, Joseph N.** (U. S. M. A., 1805). Died July 1, 1898, aged 24. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Aultman, Cornelius** (of Ohio). Member of Board of Visitors to U. S. M. A. in 1886.
- Aultman, Dwight Edward** (U. S. M. A., 1804). Report of operations of Light Battery F, Second Artillery, in Santiago campaign. *Jour. U. S. Art.*, vol. 11, p. 185.
- Austin, Alvers J.** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1848.
- Austin, Ivers James** (U. S. M. A., 1828). Died June 11, 1889, aged 81. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Austin, Ivers James**. Memoir of Prof. William W. Mather. (1883.)
- Austin, James T.** (of —). Member of Board of Visitors to U. S. M. A. in 1824.
- Austin, J. T.** (U. S. M. A., 1828). *North Amer.*, vol. 47, p. 486.
- Averell, William Woods** (U. S. M. A., 1855). Died Feb. 3, 1900, aged 67. Engraving (by J. C. Buttre). Owned by Assoc. Grads. U. S. M. A.
- Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Report on inspection of State Homes for Disabled Soldiers and Sailors, 1888. No. 2684, doc. 403. (C)
- See National Home for Disabled Volunteer Soldiers. Report, 1899.
- Avis, Edward Shaw** (U. S. M. A., 1860). Practical work for infantry. *Jour. Mil. Serv. Inst.*, U. S., vol. 11, p. 720. (A)
- Aylett, P. H.** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1858.
- Ayres, James Cooper** (U. S. M. A., 1871). Died Dec. 8, 1894, aged 80. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Saber, trial of English cavalry. Rept. Chief of Ord., 1873, p. 527. (C)
- Method of breaking up unserviceable small-arm ammunition. Rept. Chief of Ord., 1877, p. 298. (C)
- Report of chief ordnance officer of Platte, Department of, 1892, p. 324; Trials of Whipple curb bit, p. 324; Service performed by Omaha ordnance depot, p. 324; Strap for lariat invented by Sergeant Suschanke, recommended, p. 325; Leather ventilator in front of nose-bag recommended, p. 325; Trial of Hooks, hoof, p. 325; Horse covers, blanket-lined, recommended, p. 325; Gun slings, with extra heavy hooks, recommended, p. 326; Aluminium bronze firing pins for .45 caliber rifle satisfactory, p. 329; Knapsack, improvement of Merriam pack, p. 326; Necessity of a better intrenching tool, p. 327; Cup, tin, not satisfactory, p. 327; Shotguns, double barrel, no bore, recommended for issue to troops, p. 327. Rept. Chief of Ord., 1892. (C)
- Report of chief ordnance officer, Platte, Department of, 1893, p. 525; Stores kept on hand at Omaha ordnance depot, p. 525; Trial of aluminium picket pins invented by W. C. Brown, p. 526; Curb bit, model 1892, designed by Capt. C. W. Whipple, issued to cavalry, p. 526; Hooks, hoof, recommended to be issued, p. 526; Revolver, Colt's double-action, caliber .38, issued to cavalry, p. 526; Trial of, Souther farm rasp, p. 526; Trial of Korrigan (Russian) picket pin, p. 526; Rasps, blacksmith, trial of Peeler and Souther, range finder, p. 526; Trial of Kahan intrenching tool, p. 527; Trial of Patterson intrenching tool, p. 527; Babcock spade hatchet, trial of, p. 527; Dodge blanket-roll support, trial of, p. 527; Knapsack trial of Dodge blanket-roll support, p. 527; Saddle attachments trial of girth straps suggested by Captain Godfrey, p. 527; Trial of draw girth invented by G. F. Grummet, p. 527; Arm chest with hinges and padlocks, issue recommended,

- p. 528; Carbine, sling, trial of Belgian, p. 528; Carbine, scabbard, fountain recommended, p. 528; Gun racks, individual, suggested, p. 528; Inspection of unserviceable ordnance stores, disadvantages of present system, p. 529; Marksmen, proposed system of rewards for, in target practice, p. 529. Rept. Chief of Ord., 1893. (C)
- Ayres, James Cooper.** Annual report of operations as chief ordnance officer, Department of the Platte. Rept. Chief of Ord., 1894.
- Index to the reports of the Chief of Ordnance U. S. Army, 1867-1893. Washington, 1895. 1 vol., O.
- Member of board on towers for range finders. Rept. Chief of Ord., 1899.
- , translator. The theoretical rifle. Ord. Note 233, vol. 7. (A)
- Ayres, Romeyn Beck** (U. S. M. A., 1847). Died Dec. 4, 1888, aged 63. Obituary in Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Obituary. Harper's New Monthly Mag., vol. 78, 1889, p. 493. (A)
- Babbitt, Edwin Burr** (U. S. M. A., 1826). Died Dec. 10, 1881, aged 78. Obituary in Ann. Assoc. Grads. U. S. M. A., 1882. (A)
- Babbitt, Edwin Burr** (U. S. M. A., 1884). Photograph in Albums of officers' mess.
- Recent experiments in attacking armor with high-explosive shell. Reprint. Jour. U. S. Art., vol. 17, p. 268.
- Report on tests of smokeless and charcoal powders at Benicia Arsenal. Rept. Chief of Ord., 1897.
- Report on test of Howell 10-inch disappearing carriage. Rept. Chief of Ord., 1899.
- Babbitt, Lawrence Sprague** (U. S. M. A., 1861). Report of principal operations at Benicia Arsenal. Rept. Chief of Ord., 1867.
- Babcock, Orville Elias** (U. S. M. A., 1861). Died June 2, 1884, aged 48. Obituary in Ann. Assoc. Grads. U. S. M. A., 1884. (A)
- Inspection of military posts, 1866. No. 1288, doc. 20. (C)
- Military court of inquiry in case of, 1870, resolution regarding. No. 1689, doc. 142. (C)
- Babcock, Samuel** (U. S. M. A., 1868). Trial of. House doc. 63, 18th Cong., 2d sess. (C)
- proceedings in court-martial of. No. 116, doc. 63. (C)
- Bache, Alexander Dallas.** (U. S. M. A., 1825.) Obituary in Biog. Mem. Nat. Acad. Sci., vol. 1, p. 181.
- Member of Board of Visitors to U. S. M. A. in 1842.
- European systems of instruction. 1839.
- Observations at the magnetic and meteorological observatory at the Girard College. (3 vols., 1840-1847).
- Beginning of superintendence, p. 2; Observations, sec. 1, p. 4; Sec. 3, Kent Island base, pp. 11, 12. U. S. Coast Survey Rept., 1844. (A)
- Observations, sec. 1, pp. 6-8; Bodie's Island base, p. 25; Office superintendence, p. 29. U. S. Coast Survey Rept., 1845. (A)
- Observations, sec. 1, pp. 8, 9; Sec. 3, triangulation, pp. 18, 19; Bodie's Island, p. 26; Letter on death of Lieut. G. M. Bache, pp. 63-65. U. S. Coast Survey Rept., 1849. (A)
- Bache, Alexander Dallas.** Report of the Superintendent of Weights and Measures for 1846-47. O. [Misc. pam., vol. 11.]
- Observations at Agamenticus, pp. 10, 11; Measures Dauphine Island base with new apparatus, pp. 39-42; Letter on survey of Mobile Bay, pp. 79, 80. U. S. Coast Survey Rept., 1847. (A)
- Observations at Inkoononuc, pp. 17, 18; At Magothy and Webb's, p. 24; Measurement of Bodie's Island base, p. 43; Duty of superintendence, p. 5. U. S. Coast Survey Rept., 1848. (A)
- Observations, sec. 1, p. 15; Webb's Soper's Hills, p. 24, 25; Measurement of Edisto base, pp. 34-36. U. S. Coast Survey Rept., 1850. (A)
- Observations at Mount Pleasant, Ossipee, Cape Small, pp. 32-33; Causten's, p. 47; Discussion of Cat Island tides, pp. 74-127; Currents, p. 136. U. S. Coast Survey Rept., 1851. (A)
- Graphical method of representing current-observations, as used in the Coast Survey. [Sketch 3 (A, No. 3).] U. S. Coast Survey Rept., 1851, app. 8, pp. 136-137. (A)
- Trinidad, Humboldt, and San Diego Bays, U. S. Coast Survey Rept., 1851, app. 50, pp. 528-530. (A)
- Observations at Cape Small, p. 17; Roslyn, pp. 25-26; Discussion of Cat Island tides, pp. 111-122; On reconnaissance to Cape St. Lucas, p. 127; On light-house examinations with tables, pp. 134, 135; Maine light-houses, p. 136. U. S. Coast Survey Rept., 1852. (A)
- Inspections and commission services, p. 9; Observations at Sebatus and Blue Hill, pp. 27, 28; Discussion of Gulf Stream, pp. 46-52; Letter on bank east of Gulf Stream, p. 50; Remarks on Professor Walker's death, p. 166; On Lieut. J. S. Totten's death, p. 168; Discussion of Key West tides, pp. 71-76; Discussion of San Francisco tides, pp. 76-82. U. S. Coast Survey Rept., 1853. (A)
- Tide-tables for the use of navigators, with description of bench-marks, explanations, and examples for use. U. S. Coast Survey Rept., 1853, app. 26, pp. 67-70. (A)
- Notes on tides at Rincon Point, Cal. [Tables 1 to 4.] [Sketch 48 (J. No. 7).] U. S. Coast Survey Rept., 1853, app. 28, pp. 77-81. (A)
- Notes on the tides at San Francisco, Cal. U. S. Coast Survey Rept., 1853, app. 29, pp. 81-82. (A)
- Base apparatus, p. 13; Portland harbor commission, p. 29; Astronomical observations, Ragged Mountain, pp. 29, 30; Nantucket tidal observations, p. 29; Charleston harbor commission, p. 54; Gulf Stream discussion, p. 59; Reports on Stellwagen's bank, pp. *17, *18; Rocks in Boston harbor and Davis's ledge, pp. *18, *19; York spit and New Point shoal, p. *20; Wibble shoals, pp. *20, 21; Turtle harbor, Florida reef, p. *23; Florida reef passage, p. *24; Garden Key Channel Shoal, p. *24; Alleged shoal off the Belize, p. *25; Florida keys

- surveys, p. *25; Paper on reduction of horizontal angles in triangulation, pp. *63-673; Determination of Atlantic Co. tidal lines, pp. *147-152; Diurnal inequalities, Pacific coast tides, pp. *152-155; Gulf Stream temperature distribution; pp. *156-161; Reports on Romer beacon, p. *217; Point Año Nuevo and Santa Cruz, pp. *219-220; Maine light-house examinations, pp. *223-224; Ditto in Massachusetts, Connecticut, and New York, pp. *225-227; Coffin's Patches, pp. *228-229. U. S. Coast Survey Rept. 1854. (C)
- Bache, Alexander Dallas.** Co-tidal lines, Atlantic. Preliminary determinations of co-tidal lines on the Atlantic coast of the United States, from Coast Survey observations. Table 1, observations for co-tidal hours; 2, co-tidal hours of ports on the Atlantic coast; 3, rate and trend of co-tidal lines. [Sketch 26.] [Errata, 151:155, p. xix.] U. S. Coast Survey Rept., 1854, app. 45, pp. 147-152. (A)
- Gulf Stream temperatures. U. S. Coast Survey Rept., 1854, app. 47, pp. 180-191. (A)
- Tide-tables for the use of navigators. U. S. Coast Survey Rept., 1854, app. 51, pp. 180-189. (A)
- Diurnal inequality, western coast tides. Comparison of the diurnal inequality of the tides at San Diego, San Francisco, and Astoria, with tables. [Sketch 49.] [Errata, 153:185, p. xix.] (A)
- Mount Harris observations, pp. 35-37; New York harbor commission survey, pp. 42-43, 165, 171; Key Biscayne and Cape Sable bases, pp. 68-72; Coast Survey engraving and procuring engravers, pp. 250-252; magnetic declination, table, and notes, pp. 295-306; Tide tables, discussions, pp. 13-15, 346-359; Pacific co-tidal lines, pp. 338-342; Earthquake waves, pp. 342-346; West coast lights, pp. 415-418. U. S. Coast Survey Rept., 1855. (A)
- Earthquake wave, Pacific Ocean. U. S. Coast Survey Rept., 1855, app. 51, pp. 342-346. (A)
- Gulf of Mexico tides. Observations and type-curves at the several stations, showing their decomposition into diurnal and semidiurnal tides. U. S. Coast Survey Rept., 1855, app. 52, pp. 346-347. (A)
- Tide-tables for the use of navigators. U. S. Coast Survey Rept., 1855, app. 53, pp. 347-359; 1856, app. 17, pp. 120-133; 1857, app. 20, pp. 157-178; 1858, app. 43, pp. 275-297; 1859, app. 14, pp. 136-167; 1860, app. 16, pp. 131-164; 1861, app. 9, pp. 93-131; 1862, app. 8, pp. 93-126; 1863, app. 12, pp. 84-117; 1864, app. 8, pp. 58-90. (A)
- Reconnaissance, Epping base, sec. 1, p. 28; Primary triangulation and astronomical observations, pp. 29-30, 92; Inspection at Fernandina, Fla., pp. 58, 99; Character of Fernandina Harbor, p. 284; Programme for survey of New York Harbor, pp. 286-281; Sandy Hook changes, pp. 293-264; Report to Commissioner of General Land Office, p. 286; On terrestrial magnetism, pp. 209-225; Tide tables for navigators, pp. 15, 120-133; Notes on prediction tables, pp. 249-251; Cotidal lines Gulf of Mexico, pp. 15, 252-260; Winds of the Gulf, pp. 15, 252-260; Winds of Cat Island Harbor, pp. 15, 270-271; Letter to the Secretary of the Treasury on Indian disturbances, Florida, p. 343; Ditto, Washington Territory, p. 343; Letter to Capt. A. V. Gibson, p. 346; To Capt. W. R. Palmer, pp. 346-347; To Col. R. E. De Russey, pp. 347-348. U. S. Coast Survey Rept., 1856. (A)
- Bache, Alexander Dallas.** Tide prediction tables. Notes on the progress made in their preparation with reference to tides of Boston Harbor. U. S. Coast Survey. Rept., 1856, app. 34, pp. 249-251. (A)
- Cotidal lines, Gulf of Mexico. Discussion and preliminary determination. Table 1, diurnal wave, 2, stations, etc.; 3, diurnal intervals; 4, tide elements of the stations; 5, semidiurnal tides; 6, comparison of establishments of diurnal and semidiurnal tides in the Gulf of Mexico. [Sketches 35 and 36.] U. S. Coast Survey Rept., 1856, app. 35, pp. 253-280. (A)
- Tidal currents at Sandy Hook. Notes on the causes of northwardly increase of the peninsula. [Errata, p. 264:1856, p. xx.] U. S. Coast Survey Rept., 1856, app. 38, pp. 263-264. (A)
- Winds in the Gulf of Mexico. Discussion relative to the disturbance caused in the intervals of successive tides at several stations on the Gulf coast. Table 1, quantity and direction of wind at Key West, Fla., 1851-52; 2, at Fort Morgan, Ala., 1847-1849; 3, at Galveston, Tex. U. S. Coast Survey Rept., 1856, app. 44, pp. 272-276. (A)
- Astronomical observations, sec. 1, p. 39; Savannah, pp. 65-66; Sandy Hook changes, p. 33; Height of tides of Atlantic coast, pp. 28, 342-347; Winds on Pacific coast, pp. 29, 354-358; Tide tables and explanations, pp. 157-178; On measurement of Epping Plains base, pp. 41, 42, 302-305; New York Harbor report, pp. 358-370; Chronometric longitude, Fernandina, pp. 314-324; Report on Florida Keys survey, pp. 382, 383. U. S. Coast Survey Rept., 1857. (A)
- Epping base, Maine. U. S. Coast Survey Rept., 1857, app. 26, pp. 302-305. (A)
- Atlantic coast tides. Generalization of heights relative to the configuration of the coast. Table 1 (A), heights of tides on the Atlantic coast of the United States; 2 (B), on the coast of Cape Breton and New Brunswick. [Sketch 65.] U. S. Coast Survey Rept., 1857, app. 33, pp. 342-347. (A)
- Winds of the western coast. U. S. Coast Survey Rept., 1857, app. 36, pp. 354-358. (A)
- Primary triangulation and astronomical observations in sec. 1, p. 44; Discussion of probable error in latitude by zenith telescope, pp. 35, 184-186; Remarks on currents of New York Bay and Sandy Hook, pp. 36-38, 147-203; Report on survey of Florida Keys, pp. 225-227; Tide tables for navigators, pp. 275-299. U. S. Coast Survey Rept., 1858. (A)
- Personal equation. U. S. Coast Survey Rept., 1858, app. 20, pp. 184-186. (A)
- Triangulation and astronomical observations at Howard and Western Ridge, Maine, p. 34; Astronomical observations, Smithville,

- N. C., p. 1. Tide tables, pp. 136-167. Girard College observations, pp. 278-295; Distribution of temperature, Florida straits, pp. 306-310. U. S. Coast Survey Rept., 1850. (A)
- Bache, Alexander Dallas. Gulf Stream; distribution of temperature in the water of the Florida channel and straits. U. S. Coast Survey Rept., 1865, app. 32, pp. 217-222. (A)
- A lecture on the Gulf Stream. [From Amer. Jour. Sci. and Arts, vol. 30, November, 1860.] O. [Misc. pam., vol. 3.]
- Geodetic observations at Gunstock Mountain, N. H., and Wachusett Mountain, Mass., pp. 32-33; Tide tables for navigators, pp. 131-164; Notes on Gulf Stream observations, pp. 165-170; Discussion of magnetic observations, pp. 203-324. U. S. Coast Survey Rept., 1860. (A)
- Gulf Stream. U. S. Coast Survey Rept. 1860, app. 17, pp. 165-170. (A)
- Inspection of parties in sec. 1, pp. 25, 35; Conference relative to blockade, pp. 265-266; Astronomical observations at Gunstock, N. H., in 1860, pp. 232-239. U. S. Coast Survey Rept., 1861. (A)
- Solar eclipse of July, 1860. U. S. Coast Survey Rept., 1861; app. 19, pp. 232-239. (A)
- Geodetic observations at Mount Tom and Sanford, pp. 29, 30; Discussion of magnetic observations, pp. 16, 17, 191-212; Magnetic survey of Pennsylvania, pp. 212, 220; Notes on cotidal lines in the Gulf of Mexico, pp. 126-127; Remarks on the career of Gen. I. I. Stevens, Major Palmer, and Captain Smead, pp. 435-434. U. S. Coast Survey Rept., 1862. (A)
- Cotidal lines of the Gulf of Mexico, deduced from recent observations. Tables of diurnal and semidiurnal tides. [Sketch 46.] U. S. Coast Survey Rept., 1862, app. 9, pp. 126-128. (A)
- Magnetic survey of Pennsylvania and parts of adjacent States from 1834 to 1862. U. S. Coast Survey Rept., 1862, app. 19, pp. 212-229. (A)
- Earthquake waves. U. S. Coast Survey Rept., 1862, app. 39, pp. 268-430. (A)
- Geodetic observations at Ivy Hill and Tashua, Conn., p. 27; Defensive works and surveys near Philadelphia, pp. 31-33; Tide tables for the use of navigators, pp. 84-117; Discussion of magnetic observations made at Girard College, pp. 156-196; Lunar influence on vertical force, pp. 196-204. U. S. Coast Survey Rept., 1863. (A)
- Discussion of the magnetic and meteorological observations made at the Girard College Observatory, Philadelphia, in 1840, 1841, 1842, 1843, 1844, and 1845. U. S. Coast Survey Rept., 1863, app. 21, pp. 196-204; [Sketch 38] *ibid.*, 1864, app. 17, pp. 191-198. (A)
- Tidal observations at Cat Island, Gulf of Mexico. Notes of a discussion. (Report for 1851.) [Sketch 30.] U. S. Coast Survey Rept., 1866, app. 18, pp. 113-119. (A)
- Pacific co-tidal lines. Tidal observations. Table 1. Tide-stations on the western coast of the United States; 2. Data for co-tidal lines of the Pacific coast of the United States; co-tidal hours; co-tidal group; 3. Discussion of the middle group between Cape Mendocino and Point Conception. Chart of co-tidal lines. [Sketch 29.] U. S. Coast Survey Rept., 1865, p. 338. (A)
- Bache, Alexander Dallas. On the magnetic dip, Proc. Amer. Phil. Soc., vol. 1, pp. 146, 151; Magnetic observations, *ibid.*, vol. 1, pp. 185, 204; Meteors, *ibid.*, vol. 1, p. 300; Fusible metal, *ibid.*, vol. 2, p. 42; Storms, *ibid.*, vol. 2, p. 59; Anemometer, *ibid.*, vol. 2, p. 57; Magnetic observations, *ibid.*, vol. 2, pp. 69, 83, 101, 150; Cumulus by fire, *ibid.*, vol. 2, p. 116; Espy's theory, *ibid.*, vol. 2, p. 147; Rain gauge, *ibid.*, vol. 2, p. 164; Meteors, *ibid.*, vol. 2, pp. 235, 267; Induction inclinator, *ibid.*, vol. 2, p. 237; Dewpoint hydrometer, vol. 2, pp. 249, 252; On Apjohn's formula, vol. 2, p. 255; Magnetic observations, vol. 3, p. 90; Instrument to determine conducting power of bodies for heat, *ibid.*, vol. 3, p. 132; Magnetic observations, *ibid.*, vol. 3, p. 175; Magnetic dip, *ibid.*, vol. 4, p. 11; Standard weights, etc., *ibid.*, vol. 4, p. 159; A new base apparatus, *ibid.*, vol. 4, p. 368; On the diurnal variation of the needle, Trans. Amer. Phil. Soc., N. S., vol. 5, p. 1; Magnetic dip at Baltimore, etc., *ibid.*, vol. 5, p. 200; On the Brunswick tornado of 1835, *ibid.*, vol. 5, p. 407; Terrestrial magnetism in U. S., *ibid.*, vol. 5, p. 427; Magnetic intensity at 21 stations in Europe, *ibid.*, vol. 7, p. 427. (A)
- Bache, Franklin (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1830.
- Bache, Hartman (U. S. M. A., 1818). Died Oct. 8, 1872, aged 74. Obituary in Ann. Assoc. Grads. U. S. M. A., 1873. (A)
- Project, plan, estimate, etc., for the improvement of Delaware Breakwater, Del. Rept. Chief of Eng., 1866, vol. 4, p. 229; 1873, pp. 883, 884. (C)
- Cape Fear River, N. C. Rept. Chief of Eng., 1873, pp. 813, 814. (C)
- Thames River, Conn. Rept. Chief of Eng., 1873, p. 683. (C)
- See Boards—Bache; Kearney, 1. (A)
- Bachman, John (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1839.
- Backus, George Benjamin (U. S. M. A. 1875). Died June 14, 1895, aged 45. Obituary in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Bacon, George E. (U. S. M. A. 1871). Died Dec. 20, 1883, aged 35. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1884. (A)
- Bacon, Henry (of New York). Member of Board of Visitors to U. S. M. A. in 1888.
- Badollet, James P. (U. S. M. A., 1814). Died May 8, 1878, aged 81. Obituary in Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Bailey, Albert Sidney (U. S. M. A. 1878). Died Apr. 1, 1889, aged 33. Obituary in Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Bailey, Frederick W. (U. S. M. A., 1865). Died July 23, 1878, aged 37. Obituary in Ann. Assoc. Grads. U. S. M. A., 1883. (A)

- Bailey, Jacob Whitman** (U. S. M. A., 1832). Died Feb. 26, 1887, aged 55. Portrait (oil painting by Robert W. Weir). Presented by War Department, 1876. In the library.
- Large photographic portrait in room 316, academic building, U. S. M. A., framed.
 - Photographic portrait in Library, U. S. M. A., drawer 20.
 - Photograph in Albums of officers' mess.
 - See Coulter, Stanley: Jacob Whitman Bailey. *In* Bot. Gazette, vol. 13, No. 5, May, 1888. (A)
 - Copperplate map of West Point, 1831, in the drawing academy. (A)
 - Professor of chemistry, mineralogy and geology, U. S. M. A., 1838-1857.
 - Chemical notes on gunpowder and its materials, 1840. 1 vol., lith., F.
 - Examination of deep-sea bottoms. U. S. Coast Survey Rept., 1847, pp. 25-26. (A)
 - Examination of bottoms in Boston Harbor. U. S. Coast Survey Rept., 1848, p. 28; sec. 2, p. 33. (A)
 - Examination of bottoms in Mobile Bay. U. S. Coast Survey Rept., 1849, pp. 52-53. (A)
 - Characteristics of Gulf Stream bottoms, Fla. U. S. Coast Survey Rept., 1855, sec. 9, pp. 55, 81, 360. (A)
 - Microscopic sketches.
 - Author of papers in Silliman's Journal, Smithsonian Contributions, and Journal of Microscopic Science upon chemistry, mineralogy, etc.
- Bailey, Thomas Norton** (U. S. M. A., 1873). Died Apr. 20, 1886, aged 36. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- Brickyard and new brick machine. Essays Club Papers, No. 34, 1874. (A)
 - Two levels in the Zenith telescopic method. Essays Club Papers, No. 42, 1876. (A)
- Bailey, Prof. W. Whitman** (of Rhode Island). Member of Board of Visitors to U. S. M. A. in 1896.
- Bainbridge, Commodore William** (of U. S. Navy). Member of Board of Visitors to U. S. M. A. in 1826.
- Baird, Absalom** (U. S. M. A., 1849). Portrait (oil painting by Robert Hinckley). In cadet mess hall.
- Photograph in Albums of officers' mess.
 - Reports as inspector-general U. S. M. A., 1885-1888.
 - Decoration for, authorizing acceptance of, 1888. No. 2605, doc. 3145. (C)
- Baird, Henry S.** (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1853.
- Baird, William** (U. S. M. A., 1875). Index to the orders amendatory of the U. S. Army Regulations, etc. Washington, 1887. 1 vol., O., 108 pp. (A)
- How to "get there." Jour. Cav. Assoc. 1889, p. 345. (A)
- Baker, Charles Tainter** (U. S. M. A., 1812). Died Feb. 28, 1881, aged 60. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Baker, David J.** (of Illinois). Member of Board of Visitors to U. S. M. A., 1836.
- Baker, Eugene Mortimer** (U. S. M. A., 1839). Died Dec. 10, 1884, aged 47. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1888. (A)
- Engagement with Piegan Indians in Montana. No. 1406, doc. 49. (C)
- Baker, Frank** (U. S. M. A., 1872). Photograph in Albums of officers' mess.
- Report of trials of carbine cartridges. Rept. Chief of Ord., 1880, p. 495. (C)
 - Model 1801, effect of weather and temperature on fuse, Frankford Arsenal point combination, p. 807; Shrapnel 3.2-inch, Frankford Arsenal, table of weights and dimensions, p. 946. Rept. Chief of Ord., 1892. (C)
 - Manufacture of friction primers for cannon at Frankford Arsenal, p. 279; Star gauge, model 1893, description of Frankford Arsenal, p. 283; Model 1893, rests for, Star gauge, p. 285; Description and test of projectiles, Frankford Arsenal shrapnel, p. 531; Maximum and minimum weights and dimensions of Frankford Arsenal, for 3.6-inch rifle, p. 532, 3.6-inch, Frankford Arsenal, result of firing with, shrapnel, p. 533. Rept. Chief of Ord., 1893. (C)
 - Report on the construction of a battery at Quonset Point, R. I. Rept. Chief of Ord., 1896.
 - Report on manufacture of carriage forgings at Providence, R. I. Rept. Chief of Ord., 1898.
 - Report on manufacture of forgings at Builders Iron Foundry. Rept. Chief of Ord., 1899.
 - Report on the manufacture of 12-inch B. L. mortars, mortar carriages, etc. Rept. Chief of Ord., 1900.
- Baker, Joshua** (U. S. M. A., 1819). Died Apr. 15, 1885, aged 86. Obituary *in* Ann. Assoc. Grads., U. S. M. A., 1885. (A)
- Member of Board of Visitors to U. S. M. A. in 1853.
- Baker, N. B.** (of Iowa). Member of Board of Visitors to U. S. M. A. in 1875.
- Baker, Maj. Rufus Lathrop** (of Connecticut). Member of Board of Visitors (Inspection) to U. S. M. A. in 1844 and in 1859.
- Balch, George Thatcher** (U. S. M. A., 1851). Died Apr. 15, 1894, aged 66. Obituary *in* Ann. Assoc. Grads., U. S. M. A., 1894. (A)
- Instructor of ordnance and gunnery, U. S. M. A., 1864-65.
 - General classification of hand-made drawings. . . . Maps, profiles, surveys, and views appertaining to the railway service. New York, 1875. 1 pam. F. (A)
 - Railway rights, realties, and personalities. (1877)
- Baldwin, John Mary** (U. S. M. A., 1875). Died Sept. 25, 1895, aged 41. Obituary *in* Ann. Assoc. Grads., U. S. M. A., 1896. (A)
- Bancroft, George** (—). Member of Board of Visitors to U. S. M. A. in 1825.
- Banister, John Monroe**. Chief Medical officer, U. S. M. A., Oct. 27, 1898.
- Bankhead, Henry C.** (U. S. M. A., 1850). Died Jan. 9, 1894, aged 65. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Bankhead, James** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1833 and in 1843.

- Banks, E.** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1833.
- Banning, Henry B.** (of Ohio). Member of Board of Visitors to U. S. M. A. in 1877.
- Barbarin, Francis Noel** (U. S. M. A., 1820). Died Feb. 28, 1883, aged 82. Obituary in *Ann. Assoc. Grads.*, U. S. M. A., 1883. (A)
- Barber, Thomas Henry** (U. S. M. A., 1867). Photograph in *Albums of officers' mess*.
 — Strategy, grand and minor tactics. In Circular No. 2, headquarters National Guard, State of New York, Feb. 10, 1902. 16 pp., O. (A)
- Barbour, B. J.** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1866.
- Barlow, John Whitney** (U. S. M. A., 1861). Photograph in *Albums of officers' mess*.
 — Project, plan, estimate, etc., for the improvement of Plattsburg Harbor, N. Y. Rept. Chief of Eng., 1869, p. 294; 1869, p. 182. (C)
 — New Haven Harbor, Conn. Rept. Chief of Eng., 1875, vol. 1, p. 104; 1875, vol. 2, pp. 250, 251, 252; 1878, p. 399; 1879, p. 339; 1880, pp. 450, 452, 455. (C)
 — Southport Harbor, Conn. Rept. Chief of Eng., 1875, vol. 1, p. 105; 1875, vol. 2, p. 261; 1878, p. 406; 1879, pp. 59, 355. (C)
 — Milford Harbor, Conn. Rept. Chief of Eng., 1876, vol. 1, p. 225; 1878, p. 402; 1879, p. 342; 1882, pp. 614, 632, 634; 1885, p. 648. (C)
 — Norwalk Harbor, Conn. Rept. Chief of Eng., 1876, vol. 1, p. 231. (C)
 — West Haven Harbor, Conn. Rept. Chief of Eng., 1876, vol. 1, p. 234. (C)
 — Housatonic River, Conn. Rept. Chief of Eng., 1877, p. 215; 1878, pp. 52, 403; 1879, pp. 344, 345; 1887, p. 607. (C)
 — Port Jefferson Harbor, N. Y. Rept. Chief of Eng., 1877, p. 221; 1878, p. 404; 1879, pp. 350, 361; 1880, p. 468; 1889, p. 752. (C)
 — Thames River, Conn. Rept. Chief of Eng., 1878, pp. 395, 397, 398; 1879, pp. 57, 332. (C)
 — New London Harbor, Conn. Rept. Chief of Eng., 1878, p. 397; 1881, p. 586; 1886, pp. 632, 633; 1887, p. 585. (C)
 — Stonington Harbor, Conn. Rept. Chief of Eng., 1881, p. 585. (C)
 — Channel, between Lloyd's Harbor and Cold Spring Bay, N. Y. Rept. Chief of Eng., 1881, p. 615. (C)
 — Madison Harbor, Conn. Rept. Chief of Eng., 1882, p. 627. (C)
 — Clinton Harbor, Conn. Rept. Chief of Eng., 1882, p. 630; 1886, p. 634; 1887, p. 596; 1892, p. 607. (C)
 — Greenport Harbor, N. Y. Rept. Chief of Eng., 1882, p. 635; 1887, p. 630; 1892, p. 712. (C)
 — Mamaroneck Harbor, N. Y. Rept. Chief of Eng., 1882, pp. 639, 640; 1887, p. 623; 1888, p. 569. (C)
 — Pawtuxet River, R. I. Rept. Chief of Eng., 1884, p. 633. (C)
 — Duck Island Harbor, Conn. Rept. Chief of Eng., 1884, p. 648; 1887, pp. 642, 648. (C)
- Barlow, John Whitney.** Project, plan, estimate, etc., for the improvement of Connecticut River. Rept. Chief of Eng., 1884, p. 659. (C)
 — Stony Brook Harbor, N. Y. Rept. Chief of Eng., 1884, p. 665. (C)
 — Stamford Harbor, Conn. Rept. Chief of Eng., 1884, p. 672; 1887, p. 619. (C)
 — Peconic River, N. Y. Rept. Chief of Eng., 1884, p. 682. (C)
 — Southold Harbor, N. Y. Rept. Chief of Eng., 1884, p. 686. (C)
 — Menomonee Harbor, Mich. and Wis. Rept. Chief of Eng., 1884, pp. 1835, 1836. (C)
 — Lac La Belle Harbor, Mich. Rept. Chief of Eng., 1885, pp. 2008, 2009. (C)
 — Ashland Harbor, Wis. Rept. Chief of Eng., 1885, p. 2013; 1886, p. 1675. (C)
 — Tennessee River, Tenn. Rept. Chief of Eng., 1887, pp. 1748, 1751. (C)
 — Caney Fork River, Tenn. Rept. Chief of Eng., 1887, pp. 1767, 1769; 1892, p. 1941. (C)
 — Holston River, Tenn. and Va. Rept. Chief of Eng., 1887, p. 1773. (C)
 — Obeils River. Rept. Chief of Eng., 1888, p. 1638. (C)
 — Bear Creek, Miss. Rept. Chief of Eng., 1888, p. 1641. (C)
 — Bridge (Wagon) near Nashville, Tenn. Rept. Chief of Eng., 1888, p. 2441. (C)
 — Bridge of the Memphis and Charleston Railroad Company at Chattanooga. Rept. Chief of Eng., 1888, p. 2512. (C)
 — Bridges crossing Tennessee River at Florence, Ala., Decatur, Ala., Bridgeport, Ala., Johnsonville, Tenn., and Gilbertsville, Ky. Rept. Chief of Eng., 1888, p. 2640. (C)
 — Cumberland River, below Nashville. Rept. Chief of Eng., 1890, p. 2157. (C)
 — Little Pigeon River, Tenn. Rept. Chief of Eng., 1891, p. 2288. (C)
 — Smithland Harbor, Ky. Rept. Chief of Eng., 1891, p. 2289. (C)
 — O'Bion River, Tenn. Rept. Chief of Eng., 1891, p. 2297. (C)
 — Gunter's Creek, Ala. Rept. Chief of Eng., 1891, p. 2326. (C)
 — Sangerties Harbor, N. Y. Rept. Chief of Eng., 1900, p. 1518. (A)
 — Tarrytown Harbor, N. Y. Rept. Chief of Eng., 1900, pp. 1520, 1522. (A)
 — Arthur Kill, N. Y. and N. J. Rept. Chief of Eng., 1900, pp. 1525, 1527. (A)
 — Passaic River, N. J. Rept. Chief of Eng., 1900, pp. 1530, 1536, 1543, 1547. (A)
 — Woodbridge Creek, N. J. Rept. Chief of Eng., 1900, pp. 1552, 1554. (A)
 — Burlington Harbor, Vt. Rept. Chief of Eng., 1901, p. 1072. (A)
 — Report of a reconnaissance of the basin of the upper Yellowstone in 1871 . . . 1 pam., O., 1872, 2 copies. Senate Ex. Doc. No. 66, 42d Cong., 2d sess. (A)
 — Personal reminiscences of the war. M. O. L. L., U. S., Wisconsin, War Papers.

- Barlow, John Whitney. See Heap, David Porter. Yellowstone Lake and the valley of the Yellowstone River, sketch of the; route of. 1871. Topographical map.
- See Boards—Barlow; Merrill, 3, 5; Poe, 3, 4, 11; Robert, 28, 29, 30, 31, 33; Wright, 2. (A)
- Barnard, Fredrick A. P. (of Mississippi). Member of Board of Visitors to U. S. M. A. in 1862.
- Barnard, Henry (of Connecticut). Member of Board of Visitors to U. S. M. A. in 1803.
- Admission to West Point. *Amer. Jour. Ed.*, vol. 14, p. 103.
- Barnard, John Gross (U. S. M. A. 1833). Died May 14, 1882, aged 67. Portrait oil painting by D. Huntington. Presented by War Department, 1875.
- Engraving by A. H. Ritchie. Owned by Assoc. Grads. U. S. M. A.
- Photograph in Albums of officers' mess.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1882. (A)
- Obituary. *Harper's New Monthly Mag.*, vol. 65, 1882, p. 319. (A)
- Various scientific and professional reports, 1833-1881.
- Survey of the Isthmus of Tehuantepec. (1852.)
- Reports as Superintendent of the U. S. M. A. for the years 1855-56.
- Analysis of rotary motion as applied to the gyroscope. In *Amer. Jour. Ed.*, June, 1887, pp. 537-560. (A)
- The phenomena of the gyroscope . . . New York, 1858. 1 pam., O., 2 copies. (A)
- The dynamic theory of the tides. In *Amer. Jour. Sci.*, vol. 27, 1859, pp. 350-358. (A)
- The dangers and defences of New York . . . New York, 1859. 1 pam., O. (A)
- Notes on sea coast defence: Consisting of sea coast fortification, the 15-inch gun, and casemate embrasures . . . New York, 1861. 1 vol., O. (A)
- Major-General, U. S. Army; U. S. Coast Survey Rept., 1862, p. 36. (A)
- The C. S. Army and the battle of Bull Run. (A letter to an English friend.) New York, 1862. 1 vol., O. (A)
- The peninsular campaign. New York, 1864. 1 vol., O., pp. 96. (A)
- Eulogy on the late Bvt. Maj. Gen. Jas. G. Totten . . . 1 pam., O., 1866. [In the same volume:] Martin, Benj. E.: In memoriam, J. G. Totten . . . 1866. (A)
- Theory for a drawbridge counterpoise. *Essays Club Papers*, No. 5, 1868. (A)
- Experiments on the front or shield of the experimental casemate at Fort Monroe. (Paper read before Amer. Soc. Civ. Eng., Feb. 2, 1870.) 1 vol., O., pp. 17. (A)
- Defences of Washington. P., 1871. Prof. Papers Corps of Eng. U. S. A., No. 20. (A)
- Problems of rotary motion presented by the gyroscope, the precession of the equinoxes, and the pendulum. Washington, 1871. 1 pam., F. (Smithsonian Cont. to Knowl., No. 240.) (A)
- Barnard, John Gross. A report on the defenses of Washington to the Chief of Engineers, U. S. Army. Prof. Papers Corps of Eng. U. S. A., No. 20. Washington, 1871. Q. (A)
- Report on the North Sea Canal of Holland, and on the improvement of navigation from Rotterdam to the sea. Prof. Papers Corps of Eng. U. S. A., No. 22. O. Q. Washington, 1872. (A)
- Project, plan, estimate, etc., for the improvement of Delaware Breakwater, Del Rept. Chief of Eng., 1873, pp. 884, 885. (C)
- Report on light-house engineering, as exhibited at the Centennial Exhibition. *Trans. Amer. Soc. Civ. Eng.*, vol. 8, 1872.
- Mathematical query. In *Math. Monthly*, vol. 1, p. 49. (A)
- Papers on the precession of the equinoxes, the pendulum, and the internal structure of the earth. *Smithsonian cont.*, Nos. 240, 310.
- Dangers and defenses of New York City. Essay. No. 1027, doc. 5. (C)
- and Barry, William Farquhar (U. S. M. A. 1848). Report of the engineer and artillery operations of the Army of the Potomac. New York, 1863. 1 vol., O. (A)
- Michie, Peter Smith, and Wright, Horatio Gouverneur. Report on the fabrication of iron for defensive purposes and its uses in modern fortifications, especially in works of coast defense. Prof. Papers Corps of Eng., U. S. A., No. 21, with a supp. Washington, 1871. Q. (A)
- See West Point. Letters to the editors of the *National Intelligencer*, in answer to the charges against the U. S. M. A. in the report of the Secretary of War, of July, 1861. . . . New York, 1862. 1 pam., O., 18 pp.
- See Boards—Barnard. (A)
- Barney, George Franklin (U. S. M. A., 1882). Photograph in Albums of officers' mess.
- Barney, John (of Maryland). Member of Board of Visitors to U. S. M. A. in 1827.
- Barney, Joshua (U. S. M. A., 1820). Survey of route from St. Louis to Big Bend of the Red River. No. 619, doc. 49. (C)
- Barnum, Malvern Hill (U. S. M. A., 1886). The screening duty of cavalry. *Jour. Cav. Assoc.*, 1890, p. 289. (A)
- Quartermaster, U. S. M. A., May 9, 1899, to June 5, 1900.
- Barnwell, Thomas Osborne (U. S. M. A., 1834). Died Feb. 4, 1879, aged 64. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1881. (A)
- Barbour, W. T. (of California). Member of Board of Visitors to U. S. M. A. in 1856.
- Barrette, John Davenport (U. S. M. A., 1885). Notice of Brassey's *The naval annual*, 1902. *Jour. U. S. Art.*, vol. 17, p. 353.
- Barriger, John Walker (U. S. M. A., 1850). Legislative history of the Subsistence Department, U. S. Army, 1775-1876. Washington, 1876. 1 vol., O., pp. 134. (A)
- History of the Subsistence Department. History of U. S. Army, pp. 67-82. (A)

- Barrios, Antonio** (U. S. M. A., 1888). Act of Congress Feb. 2, 1884, authorizes his entrance as a cadet U. S. M. A. (A)
- [**Barron, William Amherst.**] Portrait (oil painting). Bought from Harriet Drew, of Highland Falls, 1896.
- Professor of mathematics, 1802-1807.
- Barry, Thomas Henry** (U. S. M. A., 1877). Comment on The knapsack. *Jour. Mil. Serv. Inst.*, vol. 14, p. 355. (A)
- Barry, William Farquhar** (U. S. M. A., 1838). Died July 18, 1879, aged 60. Engraving (by A. H. Ritchie). Owned by Assoc. Grads. U. S. M. A.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1880. (A)
- Center pintle chassis carriage for mortar. Rept. Chief of Ord., 1873, p. 481. (C)
- and **Barnard, John Gross** (U. S. M. A., 1833). Reports of the engineer and artillery operations of the Army of the Potomac, from its organization to the close of the peninsular campaign. 1863.
- Bartlett, William Holmes Chambers** (U. S. M. A., 1820). Died Feb. 11, 1893, aged 89. Portrait (oil painting by R. W. Weir), presented by War Department about 1875. In the library U. S. M. A.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1893. (A)
- Professor of natural and experimental philosophy, U. S. M. A., (acting) 1834-1836, (professor) 1836-1871.
- An elementary treatise on optics, designed for the use of the cadets of the U. S. M. A. . . . New York, 1839. 1 vol., O., 231 pp., 8 pl., 3 copies. (A)
- Report on the observatories, etc., of Europe. 1840. 1 vol., O., MS. (A)
- Account of the observatory, etc., U. S. M. A., with observations on the comet of 1843. *Trans. Amer. Phil. Soc.*, n. s., vol. 8, p. 191, and *Proc. Amer. Phil. Soc.*, vol. 3, p. 151. (A)
- Longitude by lunar culminations. Prof. Papers Corps of Eng. U. S. A., No. 10. Washington, 1845. Q.
- Rev. ed. O., pp. 9. Prof. Papers Corps of Eng. U. S. A., No. 10.
- Elements of natural philosophy . . . Sec. 1, Mechanics; 2, Acoustics; 3, Optics . . . New York, 1850-1852. 2 vols., O. (A)
- Sec. 4, Spherical astronomy. New York, 1855. 1 vol., O. (A)
- 3d ed. 2, Acoustics; 3, Optics. New York, 1859. 1 vol., O. (A)
- Sec. 4, Spherical astronomy. 3d ed., rev. pp. (vii, 465. New York, 1863.)
- 4th ed. O., pp. 365. New York, 1863.
- Sec. 4, Spherical astronomy. 5th ed. . . . New York, 1879. 1 vol., O. (A)
- Synthetical mechanics. (1850-1858.)
- Acoustics and optics. (1852-1859.)
- 19 photographs of the solar eclipse of May 26, 1854. 1 vol., O. (A)
- Elements of analytical mechanics. 3d ed. New York, 1855. 1 vol., O. (A)
- Bartlett, William Holmes Chambers.** Elements of analytical mechanics. 5th ed. . . . New York, 1858. 1 vol., O. (A)
- 7th ed. New York, 1860. 1 vol., O. (A)
- Spherical astronomy. (1855-1858.)
- Strains in rifled guns. *Mem. Nat. Acad. Sci.*, vol. 1 (1896).
- Report of the mortuary experience of the Mutual Life Insurance Company of New York from 1843 to 1874. 2d ed. New York, 1876. 1 vol.
- Interest tables used by the Mutual Life Insurance Company of New York, etc. 3d ed. New York, 1889. 1 vol., Q. (A)
- Instruments used at West Point, N. Y. *Proc. Amer. Phil. Soc.*, vol. 3, p. 151. (A)
- Barton, Seth Maxwell** (U. S. M. A., 1849). Died Apr. 11, 1900, aged 71. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Bass, Edgar Wales** (U. S. M. A., 1868). Portrait (oil painting by Benjamin Constant, 1888). Presented by E. W. Bass, 1896. In the library.
- Photograph in Albums of officers' mess.
- Librarian U. S. M. A. from Nov. 1, 1878, to July 1, 1881.
- Professor of mathematics, U. S. M. A., 1878-1898.
- Differential calculus. West Point, 1887-1889. [Used as text-book in the Academy.] 3d vol. O. 1. Introduction; Chaps. 1-5, 1887, pp. 1-95; 2. Pt. 1, 1889; Chaps. 6-11, pp. 93-220; 3. [No title] Pt. 2; Chaps. 12-20, pp. 221-319. (A)
- Comment on The preliminary examination. West Point. *Jour. Mil. Serv. Inst. U. S.*, vol. 16 (1895), p. 553. (A)
- Elements of differential calculus . . . 1st ed. . . . New York, 1896. 1 vol., O. (A)
- Historical sketch of the department of mathematics, U. S. M. A. In Rept. Supt. U. S. M. A., 1896, pp. 38-100. (A)
- and **Ludlow, Henry Hunt.** Elements of trigonometry with logarithmic and other tables . . . with the cooperation of E. W. Bass . . . 3d ed. . . . New York, 1893. 1 vol., O. [Title of tables.] Logarithmic, trigonometric, and other mathem. tables . . . 2d ed., 2d thous., 1895. (A)
- Bate, William B.** (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1894.
- Bates, Alfred Elliott** (U. S. M. A., 1865). Photograph in Albums of officers' mess.
- History of the Second Regiment of Cavalry. (1836-1865.) History U. S. Army, p. 173-192. [See also From everglade to cañon, by Gen. T. F. Rodenbough. New York, 1875.] (A)
- Reports as Paymaster-General U. S. Army, 1899-1902.
- and **Edwards, Clarence Ransom** (U. S. M. A., 1883). Memorandum for the Secretary of War on currency and exchange in the Philippines. Washington, 1900. 1 vol., O., 66 pp. (A)
- Bates, Francis Henry** (U. S. M. A., 1850). Died Aug. 12, 1895, aged 68. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1896. (A)

- Bates, George H. (of Delaware). Member of Board of Visitors to U. S. M. A. in 1887.
- Bates, William G. (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1853.
- Battell, Philip (of Vermont). Member of Board of Visitors to U. S. M. A. in 1862.
- Battle, Dr. A. J. (of Georgia). Member of Board of Visitors to U. S. M. A. in 1888.
- Battle, Kemp B. (of —). Member of Board of Visitors to U. S. M. A. in 1886.
- [Bayard, George Dashiell] (U. S. M. A., 1856). See *The life of George D. Bayard*, by S. J. Bayard. New York, 1874. 1 vol., O., ill., por. (A)
- Bayard, Samuel J. (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1854.
- Baylor, Thomas Gregory (U. S. M. A., 1857). Died Sept. 15, 1890, aged 53. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1891. (A)
- Objections to present method of making purchases. Rept. Chief of Ord., 1889, p. 90; 1890, p. 110; 1891, p. 100. (C)
- Plan for moving heavy ordnance. Ord. Note 24, p. 129, vol. 1. (A)
- Beach, Francis (U. S. M. A., 1857). Died Feb. 5, 1873, aged 43. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1873. (A)
- Beach, John (U. S. M. A., 1832). Died Aug. 31, 1874, aged 62. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1875. (A)
- Beach, Lansing Hoskins (U. S. M. A., 1882). See *West Point*, maps, 1885.
- Beach, Lewis (of New York). Member of Board of Visitors to U. S. M. A. in 1884.
- Beach, William Dorrance (U. S. M. A., 1879). Photograph in *Albums of officers' mess*.
- Manual of military field engineering. . . . 1 vol., O., 1894. (A)
- High explosives and intrenching tools in their relations to cavalry. *Jour. Cav. Assoc.*, 1895, p. 3. (A)
- Practical work course in engineering at Leavenworth. *Jour. Cav. Assoc.*, 1899, p. 328. (A)
- Military map reading, field, outpost, and road sketching for noncommissioned officers. . . . Kansas City, 1897. 1 pam., O. (A)
- Beacom, Edgar Swazie (U. S. M. A., 1873). Died Mar. 15, 1884, aged 34. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1884. (A)
- Beacom, John Henry (U. S. M. A., 1882). How the buffalo lost his crown; with illustrations by Chas. M. Russell. n. p., n. d. [1894]. 1 vol., obl. F.
- Beall, Lloyd James (U. S. M. A., 1830). Died Nov. 10, 1887, aged 80. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1888. (A)
- Member of Board of Visitors (inspection) to U. S. M. A. in 1843.
- Beall, William N. R. (U. S. M. A., 1848). Died July 26, 1883, aged 58. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1884. (A)
- Beard, William (of Louisiana). Member of Board of Visitors to U. S. M. A. in 1850.
- Beatty, Ormond (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1862.
- Beaumont, Eugene Beauharnais (U. S. M. A., 1861). Photograph in *Albums of officers' mess*.
- Beauregard, Peter Gustavus Tontant (U. S. M. A., 1838). Engraving. Owned by Assoc. Grads. U. S. M. A.
- Twelfth Superintendent from Jan. 23, 1861, to Jan. 28, 1861.
- Report on proposed system of drainage for . . . New Orleans. New Orleans, 1859. 1 vol., O., pp. 14, map. (A)
- Principles and maxims of the art of war. Charleston, 1863.
- Report of the defense of Charleston. Richmond, 1864.
- Roman (Col. Alfred): The military operations of General Beauregard in the war between the States, 1861-1865. Including a brief personal sketch and a narrative of his services in the war with Mexico, 1846-1848. 2 vols., O. New York, 1884. (A)
- In *Some Federal and Confederate commanders*. Sketch, J. C. Ropes. *Atlantic Monthly*, April, 1884.
- The campaign of Shiloh. *In North Amer. Rev.*, vol. 142, February, 1886.
- Defense of Charleston, S. C. *In North Amer. Rev.*, vol. 142, May, June, and July, 1886.
- A mistake of Beauregard. By Rear-Admiral W. R. Taylor. *In North Amer. Rev.*, vol. 143, July, 1886.
- Mistakes of Rear-Admiral Taylor. *In North Amer. Rev.*, vol. 143, October, 1886.
- A rejoinder to General Beauregard. By Rear-Admiral W. R. Taylor. *In North Amer. Rev.*, vol. 144, March, 1887.
- Drury's Bluff and Petersburg. *In North Amer. Rev.*, vol. 144, March, 1887.
- The battle of Petersburg. Pt. 1, p. 367; pt. 2, p. 500. *In North Amer. Rev.*, vol. 145, 1887.
- Reply to P. G. T. Beauregard. *In North Amer. Rev.*, vol. 145, 1887, p. 573.
- Proceedings of New Orleans, La., and Charleston, S. C., relative to the presentation of the sword of. Mar. 27, 1893. Charleston, S. C., 1893.
- The battle of Bull Run. *Century Mag.*, vol. 29, p. 80.
- General Beauregard's courier at Bull Run, by Campbell Brown. *Century Mag.*, vol. 30, pp. 478, 779.
- A commentary on the campaign and battle of Manassas.
- Beck, James B. (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1885.
- Beckley, Alfred (U. S. M. A., 1823). Died May 26, 1888, aged 86. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1888. (A)
- Beckwith, Amos (U. S. M. A., 1850). Died Oct. 26, 1894, aged 68. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1895. (A)
- Beckwith, Edward Griffin (U. S. M. A., 1842). Died June 22, 1881, aged 63. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1882. (A)
- General report upon zoology—Continued. Pts. 3-4, zoological portion: Thirty-eighth and thirty-ninth parallels. Reports of explora-

- tions for a railroad from the Mississippi River to the Pacific Ocean, 1853-1855, vol. 10. (A)
- Beckwith, Edward Griffin.** Route near the forty-first parallel. Reports of explorations . . . for a railroad from the Mississippi River to the Pacific Ocean 1853-1855, vol. 2. (A)
- Bee, Barnard Elliott** (U. S. M. A., 1845). Engraving. Owned by Assoc. Grads. U. S. M. A.
- Beebe, William Sully** (U. S. M. A., 1893). Died Oct. 12, 1898, aged 57. Obituary and portrait *in Ann. Assoc. Grads. U. S. M. A.*, 1899. (A)
- American inscriptions. Pls. [About 1897.] (A)
- Mexican stellar symbols with references to two jars in the ordnance museum U. S. M. A. [1898.] Pls. in cover (12 x 10 inches). (A)
- Comparative analysis of three Algonquin stellar myths [1898.] Pls. in cover (12 x 10 inches). (A)
- Belknap, Hugh R.** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1897.
- Bell, George** (U. S. M. A., 1853). Services in Coast Survey U. S. Coast Survey Rept., 1860, sec. 1, pp. 34, 35; sec. 6, p. 66. (A)
- Triangulation of the coast of Texas, north and east of Galveston, U. S. Coast Survey Rept., 1861, pp. 63, 263-264. (A)
- Detached from survey. U. S. Coast Survey Rept., 1861, pp. 21, 84. (A)
- Bell, James Edward** (U. S. M. A., 1867). Died Sept. 11, 1873, aged 29. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1874. (A)
- Bell, John R.** (U. S. M. A., 1812). Died Apr. 11, 1825, aged —. Commandant of cadets, U. S. M. A., 1819-20.
- Bell, T. S.** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1827.
- Bell, William Hemphill** (U. S. M. A., 1858). The quiddities of an Alaskan trip. (1873.)
- Reports as Commissary General U. S. Army, 1897.
- Bellinger, John Bellinger** (U. S. M. A., 1884). Photograph *in Albums of officers' mess.*
- Quartermaster U. S. M. A., Oct. 1, 1894, to May 12, 1898, and June 5, 1900, to July 19, 1903.
- Beltzhoover, Daniel M.** (U. S. M. A., 1847). Died Nov. 1, 1870, aged 44. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1871. (A)
- Benchley, Edmund Nathaniel** (U. S. M. A., 1898). Died July 1, 1898, aged 22. Obituary and portrait *in Ann. Assoc. Grads. U. S. M. A.*, 1899. (A)
- Benét, James Walker** (U. S. M. A., 1880). Principal dimensions and elements of fire of, rifle, 12.25 inch. Rept. Chief of Ord., 1890, p. 735. (C)
- Frankford Arsenal experiments attending manufacture of caliber .30 cartridges. Rept. Chief of Ord., 1891, p. 199. (C)
- Effect of granulation on velocities and pressures of Wetteren smokeless powders, p. 348; Ammunition with grooved-head cartridge case, report on trials of, p. 355. Rept. Chief of Ord., 1892. (C)
- Rifle, caliber .30, effect of projectiles on animal tissues, p. 287; Rifle, caliber .30, effect of different lengths of barrel, p. 720; Rifle, caliber .30, effect of variation in weight of bullet and powder, p. 725. Rept. Chief of Ord., 1893. (C)
- Benét, James Walker.** Report on cupro-nickelled steel jackets for caliber .30 bullets. Rept. Chief of Ord., 1894.
- Report on manufacture of shrapnel at Cuyahoga Falls, Ohio. Rept. Chief of Ord., 1898.
- Report on manufacture of 8-inch and 10-inch disappearing carriages. Rept. Chief of Ord., 1899.
- Report on manufacture of 15 spring-return and 48-inch disappearing carriages. Rept. Chief of Ord., 1899.
- Report of work done in the field and siege-gun shops at Watervliet Arsenal. Rept. Chief of Ord., 1900.
- translator Prof. F. Wilh. Hebler: The minimum caliber; or the infantry weapon of the future. Notes Constr. Ord. No. 43, p. 1, vol. 2. (A)
- Principal dimensions and elements of fire of modern rifled cannon. Notes Constr. Ord. No. 53, p. 1, vol. 3. (A)
- Benét, Stephen Vincent** (U. S. M. A., 1849). Died Jan. 22, 1895, aged 68. Obituary and portrait *in Ann. Assoc. Grads. U. S. M. A.*, 1895. (A)
- Instructor of ordnance and gunnery, U. S. M. A., 1861-1864.
- Librarian U. S. M. A. from Oct. 9, 1861, to Jan. 1, 1864.
- Campaign of Waterloo. Translated from the French of Jomini, 1853.
- A treatise on military law and the practice of courts-martial . . . New York, 1862. 1 vol., O. (A)
- 3d ed. . . . 1 vol., O., 1863. (A)
- 5th ed., . . . 1 vol., O., 1866. (A)
- 6th ed. . . . 1 vol., O., 1868. (A)
- electro ballistic machines and the Schultz chronoscope . . . New York, 1866. 1 vol., Q. (A)
- Metallic ammunition. 1868. See Ordnance Memoranda, No. 8.
- Alger gun, trial of 8-pounder at West Point. Rept. Chief of Ord., 1872, p. 35. (C)
- Reports as Chief of Ordnance, U. S. Army, 1874-1891.
- Benham, Henry Washington** (U. S. M. A., 1837). Died June 1, 1884, aged 71. Oil portrait (by Dielman). *In Cullum Hall* (1903). (A)
- Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1884. (A)
- Assistant in charge of office. Appointed in charge, pp. 14-80; Examines Minot Ledge for light-house, pp. 33-171; Sow and Pigs rocks for light-house, pp. 34-172. U. S. Coast Survey Rept., 1853. (A)
- In charge of office, pp. 14, 86; Extracts from report of, pp. 86-91. U. S. Coast Survey Rept., 1854. (A)
- Office operations, p. 20; Change of office, p. 99; On Coast Survey engraving, pp. 252-253. U. S. Coast Survey Rept., 1855. (A)
- Mission for engravers, p. 9; Detachment, p. 19; Report on office divisions, p. 87. U. S. Coast Survey Rept., 1856. (A)

- Benham, Henry Washington.** Project, plan, estimate, etc., for the improvement of Boston Harbor, Mass. Rept. Chief of Eng., 1866, vol. 2, p. 31.
- Provincetown Harbor, Mass. Rept. Chief of Eng., 1866, vol. 2, p. 29; 1867, p. 464. (C)
- Recollections of West Virginia campaign, with "The three months' troops," May, June, and July, 1861. By an Engineer officer [anon.]. O., pp. [14]. Boston, 1873.
- See Boards—Bache, 4. (A)
- Benjamin, Calvin** (U. S. M. A., 1842). Chesapeake triangulation. U. S. Coast Survey Rept., 1844, p. 13. (A)
- Triangulation section 3, relieved. U. S. Coast Survey Rept., 1845, p. 22. (A)
- Benjamin, Samuel Nicoll** (U. S. M. A., 1861). Died May 15, 1886, aged 47. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads., U. S. M. A., 1886. (A)
- Memorial proceedings of Lafayette Post, No. 140. New York, 1886.
- Bennett, Thomas** (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1837.
- Benson, Harry Conpland** (U. S. M. A., 1882). Photograph in Albums of officers' mess.
- Benton, Elisha Spencer** (U. S. M. A., 1884). The artillery of the U. S. National Guard. Jour. U. S. Art., vol. 2, p. 326.
- translation of Prehn's Shrapnel fire from field howitzers and mortars. Jour. U. S. Art., vol. 9, pp. 164, 334.
- Benton, James Gilchrist** (U. S. M. A., 1842). Died Aug. 23, 1881, aged 61. Portrait (oil painting by J. C. Beckwith, from photo, 1891). Presented by Mr. W. Seward Webb. In cadet mess hall.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1882. (A)
- Remarks on his death. Rept. Chief of Ord., 1881, p. 4. (C)
- A course of instruction in ordnance and gunnery; prepared for the use of the cadets of the U. S. M. A. New York, 1859. 1 vol. in 3 pts., O. (A)
- 2d ed. . . . New York, 1862. 1 vol., O. (A)
- 3d ed. . . . 1 vol., O., 1867. (A)
- Proceedings of Board to determine proper caliber for small arms. Rept. Chief of Ord., 1873, p. 353. (C)
- Small arms, notes on European. Rept. Chief of Ord., 1876, p. 5. (C)
- Manufacture of, small-arm cartridges in Russia, p. 519; Russian powder mills and steel factory, p. 524; Description of Russian Government foundry, p. 526. Rept. Chief of Ord., 1877. (C)
- Bronze gun and projectile foundry, Spandau, Prussia, description of. Rept. Chief of Ord., 1887, p. 529. (C)
- Cost of Springfield muskets. Ord. Note 15, vol. 1, p. 85. (A)
- Plan for moving heavy ordnance. Ord. Note 24, vol. 1, p. 132. (A)

- Benton, James Gilchrist.** Report on muzzle rifling. Ord. Note 29, vol. 1, p. 173. (A)
- Benyard, William Henry Harrison** (U. S. M. A., 1863). Died Feb. 7, 1900, aged 59. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Project, plan, estimate, etc., for the improvement of Ouachita River, Ark. Rept. Chief of Eng., 1874, vol. 1, pp. 354, 357; 1877, pp. 76, 477; 1878, p. 673. (C)
- Yazoo River, Miss. Rept. Chief of Eng., 1874, vol. 1, p. 365; 1875, vol. 1, p. 522; 1876, vol. 1, p. 596; 1877, p. 480; 1878, p. 626. (C)
- Memphis, Tenn. Rept. Chief of Eng., 1877, pp. 78, 492; 1878, p. 637; 1879, p. 979. (C)
- Mississippi River, between Cairo and mouth. Rept. Chief of Eng., 1877, pp. 78, 492; 1878, p. 637; 1879, p. 979. (C)
- Red River. Rept. Chief of Eng., 1878, pp. 87, 633, 634, 635, 636. (C)
- Coldwater River, Miss. Rept. Chief of Eng., 1879, pp. 116, 979, 985. (C)
- Tallahatchee River, Miss. Rept. Chief of Eng., 1879, pp. 116, 971, 985; 1887, pp. 200, 1774; 1888, p. 1363. (C)
- White, Black, Little Red, and St. Francis rivers, Ark. Rept. Chief of Eng., 1879, p. 968. (C)
- L'Anguille River, Ark. Rept. Chief of Eng., 1879, p. 969; 1885, p. 1000; 1886, p. 1389. (C)
- Big Sunflower River, Miss. Rept. Chief of Eng., 1879, p. 970; 1886, p. 234; 1888, p. 1365. (C)
- Fourche la Pave River, Ark. Rept. Chief of Eng., 1879, p. 972; 1881, p. 1435. (C)
- Little River, Ark. Rept. Chief of Eng., 1879, p. 991. (C)
- Saline River, Ark. Rept. Chief of Eng., 1879, p. 1006; 1880, p. 1325; 1886, p. 1388; 1887, p. 1547. (C)
- Red River, La., mouth of. Rept. Chief of Eng., 1880, pp. 1284, 1288. (C)
- St. Francis River, Ark. and Mo. Rept. Chief of Eng., 1880, p. 1315; 1881, pp. 1434, 1482, 1484. (C)
- Black River, Ark. and Mo. Rept. Chief of Eng., 1880, p. 1329. (C)
- Big Hatchie River, Tenn. Rept. Chief of Eng., 1880, pp. 1331, 1342; 1887, p. 1479. (C)
- Yallahusha River, Miss. Rept. Chief of Eng., 1880, p. 1350; 1887, p. 1473. (C)
- Tchula Lake, Miss. Rept. Chief of Eng., 1880, p. 1351; 1886, p. 234. (C)
- Bayou Bartholomew, Ark. and La. Rept. Chief of Eng., 1881, p. 1455. (C)
- Tensas River and Bayou Maçon, La. Rept. Chief of Eng., 1881, pp. 1457, 1461; 1888, p. 1355; 1892, p. 1617. (C)
- Grand Gulf, Miss. Rept. Chief of Eng., 1881, pp. 1476, 1477. (C)
- Cache River, Ark. Rept. Chief of Eng., 1881, p. 1478. (C)
- Obion River, Tenn. Rept. Chief of Eng., 1881, pp. 1487, 1489. (C)

- Benyaure, William Henry Harrison. Project, plan, estimate, etc., for the improvement of Forked Deer River, Tenn. Rept. Chief of Eng., 1881, p. 1491; 1887, p. 202; 1888, pp. 183, 1369; 1890, p. 1906. (C)
- Current River, Mo. and Ark. Rept. Chief of Eng., 1881, p. 1517. (C)
- Bear Creek (branch of the Yazoo River), Miss. Rept. Chief of Eng., 1882, pp. 1563, 1565. (C)
- Big Black River, Miss. Rept. Chief of Eng., 1882, pp. 1566, 1570; 1887, p. 236; 1888, p. 1356. (C)
- Hennepin Canal. Rept. Chief of Eng., 1883, pp. 1757, 1758, 1760, 1761, 1762, 1772, 1788; 1886, pp. 1709, 1710, 1713, 1715, 1722, 1728, 1732, 1734, 1748; 1887, p. 2140. (C)
- Illinois and Michigan Canal. Rept. Chief of Eng., 1883, pp. 1762, 1774, 1779, 1788; 1886, p. 1713. (C)
- Sangamon River, Ill. Rept. Chief of Eng., 1884, p. 1957. (C)
- Illinois and Des Plaines rivers, Ill. Rept. Chief of Eng., 1884, pp. 1959, 1964. (C)
- Wolf Lake, Ind. Rept. Chief of Eng., 1885, p. 2057. (C)
- Calumet River, Ill. and Ind. Rept. Chief of Eng., 1885, pp. 2061, 2070; 1887, pp. 2167, 2170, 2173. (C)
- San Luis Obispo, Cal. Rept. Chief of Eng., 1887, pp. 2434, 2435; 1890, p. 2999. (C)
- San Diego Harbor, Cal. Rept. Chief of Eng., 1888, pp. 2116, 2117. (C)
- Newport Harbor, Cal. Rept. Chief of Eng., 1888, p. 2120. (C)
- San Pedro and Santa Monica bays, Cal. Rept. Chief of Eng., 1888, p. 2125. (C)
- San Buenaventura Harbor, Cal. Rept. Chief of Eng., 1889, p. 2479. (C)
- San Simeon Bay, Cal. Rept. Chief of Eng., 1889, p. 2480; 1891, p. 2971. (C)
- Colorado River, Tex. and Ariz. Rept. Chief of Eng., 1889, p. 2482; 1891, p. 2976. (C)
- San Rafael River, Cal. Rept. Chief of Eng., 1891, p. 2963. (C)
- Alviso Creek and Harbor, Cal. Rept. Chief of Eng., 1891, p. 2964. (C)
- Redwood Harbor, Cal. Rept. Chief of Eng., 1891, p. 2967. (C)
- Redondo Beach Harbor, Cal. Rept. Chief of Eng., 1891, p. 2972. (C)
- Navigable slough (known as Twelvemile Creek) in the bay of San Francisco, Cal. Rept. Chief of Eng., 1893, p. 3236. (A)
- Harbor lines at Napa City, Cal. Rept. Chief of Eng., 1894, p. 2524. (A)
- Wilmington Harbor, Cal. Rept. Chief of Eng., 1895, p. 3269. (A)
- Harbor of El Moro, Cal. Rept. Chief of Eng., 1895, p. 3279. (A)
- San Rafael Creek, Cal. Rept. Chief of Eng., 1895, p. 3282. (A)
- Suisun Creek, Cal. Rept. Chief of Eng., 1895, p. 3283. (A)
- Napa River, Cal. Rept. Chief of Eng., 1895, p. 3286. (A)
- Benyaure, William Henry Harrison. Project, plan, estimate, etc., for the improvement of Wilmington Harbor, Cal. Rept. Chief of Eng., 1895, p. 3287. (A)
- Jupiter Inlet, Fla. Rept. Chief of Eng., 1897, p. 1568. (A)
- Orange River, Fla. Rept. Chief of Eng., 1897, p. 1570. (A)
- Inside passage from Punta Rasa to Charlotte Harbor, Fla. Rept. Chief of Eng., 1897, p. 1572. (A)
- Hillsboro Bay, Fla. Rept. Chief of Eng., 1897, p. 1574. (A)
- Clearwater Harbor, Fla. Rept. Chief of Eng., 1897, p. 1578. (A)
- Crystal River, Fla. Rept. Chief of Eng., 1897, p. 1580. (A)
- Harbor at Cedar Keys, Fla. Rept. Chief of Eng., 1897, p. 1584. (A)
- Palmbeach, Fla. Rept. Chief of Eng., 1897, p. 1586. (A)
- Biscayne Bay, Fla. Rept. Chief of Eng., 1897, p. 1589. (A)
- St. Johns River, Fla. Rept. Chief of Eng., 1898, p. 1344. (A)
- St. Lucia Inlet and River, Fla. Rept. Chief of Eng., 1898, p. 1349. (A)
- Hillsboro Bay, Fla. Rept. Chief of Eng., 1898, p. 1358. (A)
- Withlacoochee River, Fla. Rept. Chief of Eng., 1898, p. 1364. (A)
- Tampa Bay, Fla. Rept. Chief of Eng., 1899, p. 1640. (A)
- Port Chester Harbor, N. Y. Rept. Chief of Eng., 1900, p. 1422. (A)
- New Rochelle Harbor, Echo Bay, N. Y. Rept. Chief of Eng., 1900, pp. 1423, 1429. (A)
- Westchester Creek, N. Y. Rept. Chief of Eng., 1900, pp. 1430, 1433. (A)
- Bay Shore, N. Y. Rept. Chief of Eng., 1900, p. 1441. (A)
- Patchogue River, N. Y. Rept. Chief of Eng., 1900, pp. 1443, 1445, 1450. (A)
- Photographs of the mouth of Red River of Louisiana. 3 sheets. 1881.
- See Boards—Benyaure; Houston, 12, 13, 14; Mendell, 5, 6, 8, 10, 11, 12, 14; Simpson, 7, 8; Suter, 1; Warren, 12, 13; Weitzel, 5, 6. See Commissions—Mendell, 1, 2. (A)
- Berard, Claudius, first teacher of French, U. S. M. A., 1815–1846.
- Librarian, U. S. M. A. in 1836 and until his death, Mar. 6, 1848.
- Professor of French, 1846–1848.
- Bergland, Eric (U. S. M. A., 1869). Photograph in Albums of officers' mess.
- Project, plan, estimate, etc., for the improvement of Colorado River of the West, Ariz. Rept. Chief of Eng., 1876, vol. 3, p. 337. (C)
- Bayon Boeuf, La. Rept. Chief of Eng., 1885, pp. 235, 1503, 1546. (C)
- Cypress Bayou, Tex. and La. Rept. Chief of Eng., 1885, p. 1494; 1887, p. 194. (C)
- Cassidy's Bayou, Miss. Rept. Chief of Eng., 1885, pp. 1534, 1537; 1887, p. 1497. (C)

- Berglaud, Eric. Project, plan, estimate, etc., for the improvement of Deer Creek, Miss. Rept. Chief of Eng., 1888, pp. 1539, 1544. (C)
- Bayou Bartholomew, Ark. and La. Rept. Chief of Eng., 1887, p. 1460. (C)
- Bridges across the Deer River, Tenn. Rept. Chief of Eng., 1888, p. 2554. (C)
- Bernard, Brigadier-General Simon (of U. S. Army). Member of Board of Visitors to U. S. M. A. in 1821 and in 1822.
- Berrien, John Macpherson (U. S. M. A., 1826). Died Oct. 14, 1876, aged 73. Obituary in Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- Violation of naturalization laws, report on. No. 458, doc. 173. (C)
- Berry, Lucien Grant (U. S. M. A., 1886). Penetration of armor. Jour. Mil. Serv. Inst., U. S., vol. 12, p. 149. (A)
- Comment on Whistlers Graphic tables of fire. Jour. Mil. Serv. Inst. U. S., vol. 14, p. 352. (A)
- Comment on Willcox's Preliminary examination, West Point. Jour. Mil. Serv. Inst. U. S., vol. 17, p. 169. (A)
- Best, Clermont Livingston (U. S. M. A., 1847). Died Apr. 7, 1897, aged 73. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1897. (A)
- Bettens, Philip Augustus (U. S. M. A., 1885). Died Mar. 27, 1892, aged 31. Obituary in Ann. Assoc. Grads. U. S. M. A., 1892. (A)
- Bickley, William (U. S. M. A., 1824). Died July 21, 1877, aged 75. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1888. (A)
- Biddle, Horace P. (of Indiana). Member of Board of Visitors to U. S. M. A. in 1862.
- Biddle, James (U. S. Navy). Member of Board of Visitors to U. S. M. A. in 1840.
- Biddle, John (U. S. M. A., 1881). Dakota, Department of, including Minnesota, Dakota, and Montana; 1886. Topographical map.
- Survey of the boundary lines of the United States military reservation at West Point, N. Y. Scale 1 inch = 1,500 feet. In Rept. Supt. U. S. M. A., 1891, p. 11. (A)
- Project, plan, estimate, etc., for the improvement of Tennessee River from Chattanooga to the junction of Holston and French Broad rivers, Tenn. Rept. Chief of Eng., 1893, p. 2335. (A)
- Duck River, Tenn. Rept. Chief of Eng., 1893, p. 2497. (A)
- Emory River, Tenn. Rept. Chief of Eng., 1893, p. 2415. (A)
- Forked Deer River, Tenn. Rept. Chief of Eng., 1895, p. 2260; 1897, p. 2235. (A)
- Cumberland River, Ky. Rept. Chief of Eng., 1897, p. 2242. (A)
- See Boards—Mahan, 1, 2; Robert, 15. (A)
- Biddle, William Shepard (U. S. M. A., 1885). Photograph in Albums of officers' mess.
- Bidlack, B. A. (of Pennsylvania). Member of Board of Visitors. U. S. M. A., 1836.
- Bigelow, John, of New York. Member of Board of Visitors to U. S. M. A. in 1885.
- Bigelow, John, jr. (U. S. M. A., 1877. Photograph in Albums of officers' mess.
- John, jr. The principles of strategy, illustrated mainly from American campaigns . . . New York, 1891. 1 vol., Q.
- Reminiscences of the Santiago campaign . . . New York and London, 1899. 1 vol., O. (A)
- An account of the battles of Mars-la-tour and Gravelotte in the war of 1870, between France and Germany. Ord. Note 330, vol. 11. (A)
- The sabre and bayonet question. Jour. Mil. Serv. Inst., vol. 3, p. 65. (A)
- History of the Tenth Regiment of cavalry Jour. Mil. Serv. Inst., vol. 13, p. 215; History U. S. Army, pp. 288-297. (A)
- Our cavalry drill regulations. Jour. Mil. Serv. Inst. U. S., vol. 27, p. 170.
- Biggs, Herman (U. S. M. A., 1856). Died Oct. 11, 1887, aged 55. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1888. (A)
- Adjutant, U. S. M. A., May 13, 1861, to Oct. 10, 1861.
- Librarian from Apr. 24 to Oct. 9, 1861.
- Bingham, Daniel H. (of Alabama). Member of Board of Visitors to U. S. M. A. in 1865.
- Bingham, Henry H. (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1893.
- Bingham, Judson David (U. S. M. A., 1854). Triangulation, Saunders and Mount Desert station. U. S. Coast Survey Rept., 1856, sec. 1, pp. 29, 30, 92. (A)
- Bingham, Theodore Alfred (U. S. M. A., 1879). Arizona, Territory and Department of, 1885. Topographical map.
- Project, plan, estimate, etc., for the improvement of public buildings, etc., Washington, D. C. Rept. Chief of Eng., 1900, p. 527. (A)
- Address at the centennial exercises in the east room, Executive Mansion, Washington, D. C. Rept. Chief. of Eng., 1901, p. 3754. (A)
- A "Fougasse," p. 282; Notice of Kuk's "Die Anwendung von beständigen und Feld Befestigungen," p. 424. Jour. U. S. Art., vol. 5.
- Translation of Melichoff's Sea coast artillery and submarine mine defense. Jour. U. S. Art., vol. 9, p. 348.
- The Prussian great general staff. Jour. Mil. Serv. Inst. U. S., vol. 13, p. 666. (A)
- Schott's Military technology. Jour. Mil. Serv. Inst. U. S., vol. 19, pp. 113, 499.
- Batson's Improved cavalry sketching case, p. 71; Review of von Plügg-Harting's Armies and navies of the present day, p. 222; Army uniform, p. 285; German artillery and pioneers (translation), p. 332. Jour. Mil. Serv. Inst. U. S., vol. 20. (A)
- See Boards—Macomb, 11. (A)
- Birkhimer, William Edward (U. S. M. A., 1870). Photograph in Albums of officers' mess.

- Birkhimer, William Edward. The law of appointment and promotion in the Regular Army of the United States. New York, 1880. 1 vol., O., p. 90. (A)
- The law of promotion and retirement in the Regular Army of the United States. 1 vol., O.
- Memoir on the use of homing pigeons for military purposes. 1 pam., O, 1882. See Signal Service Notes, No. 2.
- Historical sketch of the organization, administration, material, and tactics of the Artillery, U. S. Army. 1 vol., O. Washington, 1884. (A)
- Alexander Hamilton. Address delivered at the University of Oregon June 20, 1891.
- Military government and martial law. Washington, 1892. 1 vol., O. (A)
- The Military Academy and the education of officers. In Jour. Mil. Serv. Inst. U. S., vol. 16 (1895), p. 334. (A)
- Can West Point be made more generally useful? In Jour. Mil. Serv. Inst. U. S., vol. 17 (1895), p. 446. (A)
- Has the adaptation of the rifle principle to firearms diminished the relative importance of field artillery? Jour. Mil. Serv. Inst., vol. 6, p. 191. (A)
- Correspondence: Professor Michie on the personnel of the artillery. Jour. Mil. Serv. Inst., vol. 8, p. 210. (A)
- New course of instruction. Jour. Mil. Serv. Inst., vol. 10, p. 321. (A)
- Comment on Eastman's Military instruction of our youth, p. 38; Comment on McClelland's Infantry battle tactics, p. 654; Comment on Will's A regimental court of honor, p. 662. Jour. Mil. Serv. Inst., U. S., vol. 11. (A)
- Comment on Artillery school methods. Jour. Mil. Serv. Inst., vol. 12, p. 156. (A)
- Comment on The power of military courts. Jour. Mil. Serv. Inst., vol. 13, p. 758. (A)
- The Third U. S. Artillery, p. 458; Review of Winthrop's Military law, p. 683; Comment on Army organization, p. 807; Comment on History of the Second U. S. Artillery, p. 1040; A proper artillery field armament, p. 1208. Jour. Mil. Serv. Inst., vol. 14. (A)
- Comment on Neutrality laws of the United States, p. 335; Comment on The Judge-Advocate's Department, p. 1009; Comment on The National Guard: Its use, etc., p. 1215. Jour. Mil. Serv. Inst., vol. 15. (A)
- Comment on The Military Academy, etc. Jour. Mil. Serv. Inst., vol. 16, p. 335. (A)
- Our present artillery armament. Jour. Mil. Serv. Inst., U. S., vol. 17, p. 297. (A)
- Light artillery horses, p. 532; Comment on Rice's Defense of our frontiers, p. 685. Jour. Mil. Serv. Inst. U. S., vol. 18. (A)
- Comment on Our Army: Its employment, etc. Jour. Mil. Serv. Inst. U. S., vol. 19, p. 187. (A)
- Comment on Rice's Congress and the National Guard, p. 213; The question of an artillery reserve, p. 529; Comment on Swift's Lyceum at Fort Agawan, p. 634. Jour. Mil. Serv. Inst. U. S., vol. 20. (A)
- Birkhimer, William Edward. Relative efficiency of infantry and light battery. Jour. Mil. Serv. Inst. U. S., vol. 21, p. 50. (A)
- Transportation of troops by sea. Jour. Mil. Serv. Inst. U. S., vol. 23, p. 438. (A)
- Comment on Slack's Battle of New Orleans. Jour. Mil. Serv. Inst. U. S., vol. 28, p. 296.
- Land defenses of Manila Bay, May 1, 1898. Jour. U. S. Art., vol. 15, p. 16.
- History of the Third Regiment of Artillery. Hist. U. S. Army, pp. 328-350. (A)
- Birnie, Rogers (U. S. M. A., 1872). Photograph in Albums of officers mess.
- Tables for converting metrical into United States measures. Rept. Chief of Ord., 1882, p. 299. (C)
- Tests of wrought-iron jackets for rifles, 8-inch, p. 215; Test of shrinkage, of Midvale steel gun hoops, p. 461. Rept. Chief of Ord., 1883. (C)
- No. 39, construction of 8-inch rifle converted, and, examination of a defect in the coiled wrought-iron tube, p. 350; Manufacture and inspection of life-saving guns, p. 369; Manufacture of sabots for M. L. projectiles, p. 497. Rept. Chief of Ord., 1884. (C)
- Double hooped cylinder, assembling and dismounting a compound, representing a section of powder chamber of the experimental 8-inch B. L. rifle, p. 227; Cylinder representing powder chamber of 12-inch B. L. rifle, hooped and tubed, analysis of experiments made on hooping, p. 314; Experiments to determine whether tempered steel is injured by exposure to a very high heat for a short time, p. 321; No. 1, shrinkage and theoretical resistance of, rifle, 8-inch B. L., p. 351; Projectiles inspection report of 8-inch Hotchkiss banded cored shot for 8-inch M. L. rifle, p. 397; Projectiles; inspection report of 12-inch Eureka mortar shell, and sabots, p. 408; Projectiles, packing cases for heavy, p. 418; Projectiles, inspection report of 8-inch and 10-inch cast-iron shot for B. L. rifles, p. 421; No. 68, breech insertion, reconstruction of, rifle, 8-inch converted, p. 429; Rifles, 8-inch, converted M. L., progress report on manufacture of 50, p. 466. Rept. Chief of Ord., 1885. (C)
- Rifle, 8-inch experimental, steel B. L., No. 1, construction report, p. 229; Description of, rifle, 8-inch B. L., p. 231; Rifle, 8-inch experimental B. L., steel, No. 1, inspection report, p. 253; Shrinkage of a forged oil-tempered and annealed Midvale steel trunnion hoop on a cast-iron body to test quality of hoop, p. 393; Gun hoops, longitudinal strength of oil-tempered and annealed rolled-steel, p. 405. Rept. Chief of Ord., 1886. (C)
- Gun making in the United States. 1 vol., O. New York, 1888. [Reprinted 1897.] (A)
- 1 vol., O., 1891. Jour. Mil. Serv. Inst. No. 50; *ibid.*, vol. 12, p. 385. (A)
- Resistances, etc., in 12-inch B. L. cast-iron hooped mortar, computation of, shrinkage. Rept. Chief of Ord., 1889, p. 215. (C)

- Birnie, Rogers. Shrinkages for 12-inch B. L. cast-iron, hooped mortar, application and effect of. p. 282. Notes on cast-iron rifled ordnance, p. 790. Rept. Chief of Ord., 1899. (C)
- Steel, design for mortar, p. 585. Model 1891, graduation of Fuse Frankford Arsenal point combination, p. 894. Rept. Chief of Ord., 1892. (C)
- Brown segmental wire service guns, p. 30; Brown segmental wire, 5-inch B. L., comparison with service guns, p. 30; Calculated recoil of small arms when used with powder smokeless, p. 257; Gun construction, discussion of tangential strength, p. 585; Different modes of gun construction, p. 501; Steel, model 1888, discussion of, rifle, 12-inch B. L., p. 602. Rept. Chief of Ord., 1893. (C)
- Modern gun construction and breech mechanism. In Chicago Exposition, 1893, Int. Cong. Eng., Oper. Div. Mil. Eng.
- Report on tests of caliber .35 revolvers; Report of principal operations at the ordnance depots of the Seventh Army Corps and Division of Cuba. Rept. Chief of Ord., 1899.
- Fabrication of projectiles. Construction report of 3 and 4½ inch projectiles with Butler sabot for muzzle-loading rifles, made at the West Point Foundry, November, 1883, to February, 1884. Notes Constr. Ord., No. 26, p. 1, vol. 2. (A)
- Manufacture of sabots for muzzle-loading projectiles. Notes Constr. Ord., No. 29, p. 1, vol. 2. (A)
- A study of the theoretical resistance of the experimental 5-inch B. L. rifle. Notes Constr. Ord., No. 31, p. 1, vol. 2. (A)
- On the assembling and dismantling of an experimental compound gun cylinder. Notes Constr. Ord., No. 32, p. 1, vol. 2. (A)
- The shrinkages and theoretical resistance of 8-inch experimental steel B. L. rifle No. 1, double-hooped. Notes Constr. Ord., No. 33, p. 1, vol. 2. (A)
- The resistance of built-up guns and the shrinkages adapted to their construction. Notes Constr. Ord., No. 35, p. 1, vol. 2. (A)
- The resistance and shrinkage of built-up cannon, with application to U. S. Army ordnance. Notes Constr. Ord., No. 50, p. 1, vol. 3. (A)
- The initial strains in a hollow steel forging cooled from the interior, compiled by Capt. F. E. Hobbs, Ordnance Department, U. S. Army, with examination of and a reduction from the results by. Ord. Constr. Notes, No. 70.
- Report on captured Indian arms. Ord. Note 115, p. 152, vol. 4. (A)
- , translator. The Italian 100-ton gun. Ord. Note 174, vol. 5. (A)
- Report on the Hotchkiss flank-defense revolving cannon, cal. 1.575 inches. Ord. Note 145, vol. 6. (A)
- , translator. The question of heavy guns. Ord. Note 205, vol. 9. (A)
- , translator. Construction of guns. Ord. Note 230, vol. 5. (A)
- Birnie, Rogers. Report on the fabrication of 5 inch projectiles at the West Point Foundry. Ord. Note 331, vol. 11. (A)
- , translator. Puddled versus cast steel as metal for gun hoops. Ord. Note 332, vol. 11. (A)
- Autumn maneuvers of the Ninth Corps (French) in September, 1880. Jour. Mil. Serv. Inst., vol. 3, p. 190. (A)
- Review of Lloyd and Hadcock's Artillery. Its progress and present position. Jour. Mil. Serv. Inst., vol. 15, p. 304.
- Bissell, Wilson S. (of New York), member of Board of Visitors to U. S. M. A. in 1886.
- Bixby, William Herbert (U. S. M. A., 1873) Photograph in Albums of officers' mess.
- The fire-alarm system of New York City. Essayons Club Papers, No. 29, 1874. (A)
- Record of the class of 1873 of the U. S. M. A. New York, 1875. 1 vol., O., pp. 79. (A)
- Graphical method for finding readily the real roots of numerical equations of any degree if containing but one variable. . . . West Point, 1879. 1 pam., O. (A)
- Hollow brick. Solution of equations and interpolation in series. Foundations, Arches in masonry bridges. 1 pam., O. (Engineer Dept., U. S. Army.) (A)
- Notes on the Ponte de Graves, France, and on the works for the protection of its shore against encroachments of the sea. Washington, 1881.
- Report upon seacoast fortifications in Europe in 1881 and 1882. 1 pam., O., 7 pp. (A)
- translator. Armor-plate trials at Magdeburg, Oct. 22, 1883. Twelve-inch guns against chilled cast-iron target. Translated from Mr. Gruson's official report. O. Washington, 1884. Misc. Papers, vol. 2.
- Project, plan, estimate, etc., for the improvement of Beaufort Harbor, N. C. Rept. Chief of Eng., 1885, pp. 168, 1681; 1886, p. 989; 1887, p. 1030; 1891, p. 1368. (C)
- Cape Fear River, N. C. Rept. Chief of Eng., 1885, pp. 1130, 1131. (C)
- Beaufort Harbor and New River, N. C. Rept. Chief of Eng., 1885, pp. 1137, 1138; 1887, p. 1037. (C)
- Congaree River, S. C. Rept. Chief of Eng., 1885, p. 1144. (C)
- Black River, N. C. Rept. Chief of Eng., 1885, p. 1148; 1887, p. 1043. (C)
- Winyaw Bay, S. C. Rept. Chief of Eng., 1885, p. 1164; 1887, p. 1078; 1889, pp. 1114, 1115; 1892, p. 1188. (C)
- Lockwoods Folly River, N. C. Rept. Chief of Eng., 1887, p. 1101; 1891, p. 1402. (C)
- Lumber River, N. C. Rept. Chief of Eng., 1887, p. 1109; 1892, p. 1199. (C)
- Mingo Creek, S. C. Rept. Chief of Eng., 1887, p. 1108; 1889, p. 1161; 1892, p. 1208. (C)
- Clarks Creek, S. C. Rept. Chief of Eng., 1887, p. 1111; 1889, p. 1164; 1891, p. 1453. (C)
- Pee Dee River, Little, S. C. Rept. Chief of Eng., 1887, p. 1114; 1891, p. 1448. (C)

- Bixby, William Herbert.** Project, plan, estimate, etc., for the improvement of Alligator River, S. C. Rept. Chief of Eng., 1887, p. 1118. (C)
- Yadkin River, N. C. Rept. Chief of Eng., 1888, p. 952. (C)
- Catawba River, N. C. Rept. Chief of Eng., 1888, pp. 959, 963, 965. (C)
- Bridge of the Wilmington and Weldon Railroad Company near Goldsboro, N. C. Rept. Chief of Eng., 1888, p. 2545. (C)
- Bridge of the Wilmington, Columbia and Augusta Railroad Company above Wilmington, N. C. Rept. Chief of Eng., 1888, pp. 2546, 2547. (C)
- Bridges of the South Carolina Railroad and Wilmington, Columbia and Augusta Railroad. Rept. Chief of Eng., 1888, p. 2548. (C)
- Swift Creek, N. C. Rept. Chief of Eng., 1889, p. 116. (C)
- Ocracoke Inlet, N. C. Rept. Chief of Eng., 1889, pp. 1123, 1124; 1891, p. 1341. (C)
- New River and Swansboro, N. C. Rept. Chief of Eng., 1889, p. 1127; 1891, p. 1377. (C)
- White Oak River, N. C. Rept. Chief of Eng., 1889, p. 1129; 1891, p. 1335. (C)
- Tar River from Tarboro to Rocky Mount, N. C. Rept. Chief of Eng., 1889, p. 1131. (C)
- Cape Fear River at and below Wilmington, N. C. Rept. Chief of Eng., 1889, p. 1134. (C)
- Pasquotank River, N. C. Rept. Chief of Eng., 1889, p. 1137; 1891, p. 1335. (C)
- Mackeys Creek, N. C. Rept. Chief of Eng., 1889, p. 1139; 1891, p. 1339. (C)
- Trent River, N. C. Rept. Chief of Eng., 1890, p. 1120; 1892, p. 1126. (C)
- Fishing Creek, N. C. Rept. Chief of Eng., 1890, p. 1181; 1891, p. 1345. (C)
- Shallotte River, N. C. Rept. Chief of Eng., 1890, p. 1187. (C)
- North East River, Cape Fear, N. C. Rept. Chief of Eng., 1891, p. 1384. (C)
- Pungo River to Sladesville, N. C. Rept. Chief of Eng., 1891, p. 1419. (C)
- Pamlico and Bay rivers, N. C. Rept. Chief of Eng., 1891, p. 1423. (C)
- Drum Inlet, N. C. Rept. Chief of Eng., 1891, p. 1426. (C)
- Washington Harbor, Pamlico River, N. C. Rept. Chief of Eng., 1891, p. 1434. (C)
- Black River, S. C. Rept. Chief of Eng., 1891, p. 1436. (C)
- Woods Holl, Mass. Rept. Chief of Eng., 1893, p. 860. (A)
- Tarpaulin Cove, Nanshon Island, Mass. Rept. Chief of Eng., 1893, p. 864. (A)
- New Bedford Harbor, Mass. Rept. Chief of Eng., 1893, p. 866. (A)
- Pawtuxet Harbor, Providence River, R. I. Rept. Chief of Eng., 1893, p. 868. (A)
- Apponang Harbor, Cowesett Bay, R. I. Rept. Chief of Eng., 1893, p. 869. (A)
- Bixby, William Herbert.** Project, plan, estimate, etc., for the improvement of Greenwich Harbor, Greenwich Bay, R. I. Rept. Chief of Eng., 1893, p. 871. (A)
- Wickford Harbor, Narragansett Bay, R. I. Rept. Chief of Eng., 1893, p. 873. (A)
- Inner Harbor at Point Judith Breakwater, R. I. Rept. Chief of Eng., 1893, p. 877. (A)
- Salt Pond, Block Island, R. I. Rept. Chief of Eng., 1893, p. 880. (A)
- Stonington Harbor and its entrance, Conn. Rept. Chief of Eng., 1893, p. 891. (A)
- Mount Hope Bay and harbor of Fall River, Mass. Rept. Chief of Eng., 1895, p. 727. (A)
- Stone bridge over Sakonnet River, R. I. Rept. Chief of Eng., 1895, p. 730. (A)
- Bass River, Mass. Rept. Chief of Eng., 1895, p. 739. (A)
- Hyannis Harbor, Mass. Rept. Chief of Eng., 1895, p. 744. (A)
- Conanicut Island, R. I. Rept. Chief of Eng., 1895, p. 745. (A)
- Seaconnet Point, R. I. Rept. Chief of Eng., 1895, p. 749. (A)
- Ohio River, Ohio and Pa. Rept. Chief of Eng., 1898, p. 2158. (A)
- Big Sandy River, W. Va. and Ky. Rept. Chief of Eng., 1898, p. 2160. (A)
- Ohio River. Rept. Chief of Eng., 1899, pp. 2361, 2367. (A)
- Pittsburg Harbor, Pa. Rept. Chief of Eng., 1899, p. 2399. (A)
- Licking River, Ky. Rept. Chief of Eng., 1900, p. 3155. (A)
- Ohio River. Rept. Chief of Eng., 1900, pp. 3185, 3191, 3201, 3215, 3219. (A)
- Ohio River, at Maysville, Ky. Rept. Chief of Eng., 1901, p. 2671, 2675. (A)
- Ohio River. Rept. Chief of Eng., 1902, p. 1868. (A)
- New ordnance material and armor material in Europe. Official report to the U. S. War Department. F., pam. New York, 1886. (A)
- *See* Boards—Abbot, 7, 8; Adams, 1; Bixby; Craighill, 13, 16; Lydecker, 2; Sears, 1; Stickney, 8. (A)
- Black, Henry Moore** (U. S. M. A., 1847). Died Aug. 5, 1893, aged 67. Obituary in Ann. Assoc. Grads. U. S. M. A., 1894.
- Commandant of cadets, U. S. M. A., 1864–1870. Bronze Medallion in Sally Port.
- Black, John C.** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1894.
- Black, William Murray** (U. S. M. A., 1877). Photograph in Albums of officers' mess.
- Project, plan, estimate, etc., for the improvement of Wakulla River, Fla. Rept. Chief of Eng., 1887, p. 161. (C)
- Key West Harbor, Fla. Rept. Chief of Eng., 1887, pp. 1224, 1226. (C)
- Caloosahatchie River, Fla. Rept. Chief of Eng., 1887, p. 1236; 1889, p. 1338. (C)

Black, William Murray. Project, plan, estimate, etc., for the improvement of Charlotte Harbor, Fla. Rept. Chief of Eng., 1887, p. 1288. (C)

——— Key West Harbor, northwest entrance, Fla. Rept. Chief of Eng., 1888, p. 1093. (C)

——— Pease Creek, Fla. Rept. Chief of Eng., 1888, pp. 1102, 1103. (C)

——— St. Augustine Harbor, Fla. Rept. Chief of Eng., 1888, p. 1142; 1891, p. 1672. (C)

——— Punta Rassa Harbor, Fla. Rept. Chief of Eng., 1888, p. 1156. (C)

——— Bridges of the Florida Southern, the South Florida, and the Florida Railroad and Navigation companies, across the Withlacoochee River, and Florida Southern Railroad Company's bridge across Peace River. Rept. Chief of Eng., 1888, p. 2631. (C)

——— Homosassa River, Fla. Rept. Chief of Eng., 1889, p. 1353. (C)

——— Crystal River, Fla. Rept. Chief of Eng., 1889, p. 1355. (C)

——— Alafia River, Fla. Rept. Chief of Eng., 1889, p. 1358. (C)

——— Ocklawaha River, Fla. Rept. Chief of Eng., 1889, p. 1361; 1891, p. 1620. (C)

——— St. Marks River, Fla. Rept. Chief of Eng., 1889, p. 1364. (C)

——— Tampa Bay and Old Tampa Bay, Fla. Rept. Chief of Eng., 1889, p. 1369. (C)

——— Tampa Bay, Fla. Rept. Chief of Eng., 1890, p. 1605; 1892, p. 1387. (C)

——— Sarasota Bay, Fla. Rept. Chief of Eng., 1890, p. 1618; 1891, p. 1651. (C)

——— Cedar Keys Harbor, Fla. Rept. Chief of Eng., 1891, p. 1662; 1892, p. 1392. (C)

——— St. Johns River (upper), Fla. Rept. Chief of Eng., 1891, p. 1669. (C)

——— Indian River, Fla. Rept. Chief of Eng., 1891, p. 1675. (C)

——— Charlotte Harbor and Pease Creek, Fla. Rept. Chief of Eng., 1891, p. 1684. (C)

——— South Atlantic coast. Prize essay, Trans. Amer. Soc. Civ. Eng., 1893.

——— The Military Academy and the education of officers. *In* Jour. Mil. Serv. Inst. U. S., vol. 16 (1895), p. 330. (A)

——— The United States public works . . . Methods of construction and character of material and plant used in the public works under the charge of the War and Treasury Departments and of the Commissioners of the District of Columbia . . . New York, 1895. 1 vol., obl. O. (A)

——— Comment on Company papers. Jour. Mil. Serv. Inst., vol. 14, p. 1034. (A)

——— Comment on The Military Academy, etc., p. 330; Experimental firing with the service rifle, model 1894, p. 513. Jour. Mil. Serv. Inst., vol. 16. (A)

——— See West Point, maps, 1885.

——— See Boards—Black; Comstock, 19; Harris, 5, 6; Price, 1; Robert, 4, 8. (A)

Blackburn, Churchill J. (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1842.

Blackburn, Joseph C. S. (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1882.

Blaine, James G. (of Maine). Member of Board of Visitors to U. S. M. A. in 1861 and in 1877.

Blair, Frank P. (of Illinois). Member of Board of Visitors to U. S. M. A. in 1895.

Blair, Montgomery (U. S. M. A., 1835). Died July 27, 1883, aged 70. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1884. (A)

——— Union (newspaper). Editor.

——— A long paper in the North American Review upon negro suffrage; another opposing the bill to reopen the Tilden-Hayes Presidential question.

——— An attack upon Southern jobbers.

——— The defense of his brother Frank against General Sherman's Memoirs.

Blair, William B. (U. S. M. A., 1838). Died Mar. 23, 1883, aged 66. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1883. (A)

Blair, William H. (of ———). Member of Board of Visitors to U. S. M. A. in 1886.

Blake, Edmund Molyneux (U. S. M. A., 1889). Siege and coast artillery drill [joint author]. *In* Manual of instruction for the use of cadets, U. S. M. A. West Point, 1901. 1 vol., O. (A)

——— Practice marches of light artillery. Jour. Mil. Serv. Inst. U. S., vol. 19, p. 102. (A)

——— Light artillery—Practice marches and campaigning. Jour. U. S. Art., vol. 13, p. 117.

Blake, Edward D. (U. S. M. A., 1847). Died Nov. 29, 1882, aged 57. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1883. (A)

Blake, George (of ———). Member of Board of Visitors to U. S. M. A. in 1827.

Blake, Jacob Edmund (U. S. M. A., 1833). Quartermaster, U. S. M. A., May 25, 1835, to July 29, 1836.

Blake, Samuel H. (of Maine). Member of Board of Visitors to U. S. M. A. in 1857.

Blakely, George (U. S. M. A., 1892). Exercises in descriptive geometry . . . West Point, 1899. 1 pam., O., 23 pp. (A)

——— Notice of the Standard dictionary, p. 758; Notice of Jomini's *Precis de l'art de la Guerre*, p. 759. Jour. U. S. Art., vol. 4.

——— Present state of the struggle between armor and artillery [translation], p. 196; Notice of Durrassier and Valentine's *Aide-Memoire de l'Officier de Marine*, p. 425. Jour. U. S. Art., vol. 5.

——— A shelter tent as a stable [translation], p. 235; Translation of Jeannel's Field shrapnel and cannon of the future, p. 332. Jour. U. S. Art., vol. 6.

——— Translation of Tildemann's Howitzers and mortars for field artillery to supply a need of curved fire. Jour. U. S. Art., vol. 9, pp. 14, 180, 321; vol. 10, p. 42.

——— Translation of Rollin's English light artillery. Jour. U. S. Art., vol. 10, p. 257.

——— Translation of Gautiers. A note on the calculation of the transverse dimensions of steel guns. Jour. U. S. Art., vol. 11, p. 131.

——— The trigono-telemeter. Jour. U. S. Art., vol. 12, p. 57.

- Blakely, George.** The modern infantry attack and the artillery of the defense. [Translation.] Jour. U. S. Art., vol. 14, p. 60.
- Notice of Wisser's The second Boer war, 1899-1900. Jour. U. S. Art., vol. 15, p. 363.
- Blanchard, Albert Gallatin** (U. S. M. A., 1829). Died June 21, 1891, aged 86. Obituary in Ann. Assoc. Grads. U. S. M. A., 1892. (A)
- Blaney, George** (U. S. M. A., 1815). Adjutant, U. S. M. A., Mar. 9, 1820, to Mar. 1, 1821; Aug. 12, 1822, to May 25, 1824.
- Bledsoe, Albert Taylor** (U. S. M. A., 1830). Died Dec. 8, 1877, aged 68. Obituary in Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Examination of Edwards on the will. 1845.
- A theodicy; or, vindication of the divine glory, as manifested in the constitution and government of the moral world . . . New York, 1856. 1 vol., O. (A)
- An essay on liberty and slavery . . . 1 vol., O. 1856. (A)
- Southern Review. (1865-1877.) Editor.
- Philosophy of mathematics with special reference to the elements of geometry and the infinitesimal method . . . Philadelphia, 1868. 1 vol., O. (A)
- Is Davis a traitor? Was secession a constitutional right previous to the war of 1861?
- Contributor to literary, scientific, and theological reviews of the United States.
- Bliss, Horace** (U. S. M. A., 1822). Died Nov. 7, 1878, aged 76. Obituary in Ann. Assoc. Grads. U. S. M. A., 1879. (A)
- Bliss, Tasker Howard** (U. S. M. A., 1875). The siege of Plevna. Jour. Mil. Serv. Inst., vol. 2, p. 11. (A)
- Review of Dodge's Gustavus Adolphus. Jour. Mil. Serv. Inst. U. S., vol. 18, p. 695. (A)
- Strategic value of the inland canal navigation of the United States. Ord. Note 346, vol. 12. (A)
- Bliss, Zenas Randall** (U. S. M. A., 1854). Died Jan. 2, 1900, aged 65. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Blocksom, Augustus Perry** (U. S. M. A., 1877). An ideal drill regulations. Jour. Cav. Assoc., 1899, p. 176. (A)
- War lessons for laymen. Jour. Mil. Serv. Inst. U. S., vol. 27, p. 17.
- Blodget, William** (of Rhode Island). Member of Board of Visitors to U. S. M. A. in 1842.
- Bloodgood, William** (U. S. M. A., 1824). Died Aug. 1, 1874, aged 73. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Bloom, Jacob Emanuel** (U. S. M. A., 1873). Soldiers campaign equipment, with modifications for militia organizations. Patented June, 1879. 1 pam., O. (A)
- Meritorious discharged soldiers. Jour. Mil. Serv. Inst., vol. 11, p. 151; vol. 12, p. 332. (A)
- Blount, James H.** (of Georgia). Member of Board of Visitors to U. S. M. A. in 1879 and 1885.
- Blunt, Albert Church** (U. S. M. A., 1881). The Spanish defenses of San Juan, P. R. Jour. U. S. Art., vol. 16, p. 22.
- Blunt, Charles Edward** (U. S. M. A., 1846). Died July 10, 1892, aged 69. Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Project, plan, estimate, etc., for the improvement of Charlotte Harbor, mouth of Genesee River, N. Y. Rept. Chief of Eng., 1866, vol. 1, pp. 4, 51; 1867, pp. 33, 252. (C)
- Pultneyville Harbor, N. Y. Rept. Chief of Eng., 1867, pp. 33, 239. (C)
- Plattsburg Harbor, N. Y. Rept. Chief of Eng., 1867, pp. 34, 234. (C)
- Oswego Harbor, N. Y. Rept. Chief of Eng., 1868, pp. 46, 247, 254; 1869, pp. 41, 171. (C)
- Wilson Harbor, N. Y. Rept. Chief of Eng., 1868, pp. 45, 288, 289. (C)
- Niagara Falls, N. Y. Rept. Chief of Eng., 1868, pp. 273-287. (C)
- Port Ontario Harbor, Salmon River, N. Y. Rept. Chief of Eng., 1868, pp. 290, 291; 1871, p. 52. (C)
- Sodus Bay Harbor, Little, N. Y. Rept. Chief of Eng., 1871, p. 234; 1872, p. 257. (C)
- Black River Harbor, Ohio. Rept. Chief of Eng., 1874, vol. 1, p. 220; 1875, vol. 1, p. 300; 1876, vol. 2, p. 557. (C)
- Monroe Harbor (Raisin River), Mich. Rept. Chief of Eng., 1875, vol. 1, p. 293; 1876, vol. 2, p. 551. (C)
- Toledo Harbor, Ohio. Rept. Chief of Eng., 1875, vol. 1, p. 294; 1876, vol. 2, p. 552. (C)
- Port Clinton Harbor, Ohio. Rept. Chief of Eng., 1875, vol. 1, pp. 295, 296; 1880, p. 2100; 1881, p. 2200. (C)
- Sandusky City Harbor, Ohio. Rept. Chief of Eng., 1875, vol. 1, p. 297; 1876, vol. 2, p. 554; 1879, p. 1683. (C)
- Rocky River Harbor, Ohio. Rept. Chief of Eng., 1875, vol. 1, p. 361. (C)
- Cleveland Harbor, Ohio. Rept. Chief of Eng., 1875, vol. 1, pp. 363, 305, 306; 1877, p. 965. (C)
- Grand River Harbor, Fairport, Ohio. Rept. Chief of Eng., 1875, vol. 1, pp. 311, 313. (C)
- Ashtabula Harbor, Ohio. Rept. Chief of Eng., 1875, vol. 1, p. 314; 1877, p. 967. (C)
- Dunkirk Harbor, N. Y. Rept. Chief of Eng., 1875, vol. 1, p. 318; 1876, vol. 2, p. 567; 1877, vol. 2, p. 971. (C)
- Buffalo Harbor, N. Y. Rept. Chief of Eng., 1875, vol. 1, p. 321. (C)
- Erie (Presque Isle) Harbor, Pa. Rept. Chief of Eng., 1876, vol. 1, pp. 57, 106, 316; vol. 2, pp. 556, 564-566; 1877, p. 969. (C)
- Lubec Channel, Me. Rept. Chief of Eng., 1883, p. 409; 1885, p. 463. (C)
- Royal River, Me. Rept. Chief of Eng., 1883, pp. 419, 420. (C)
- Saco River, Me. Rept. Chief of Eng., 1884, p. 484; 1887, p. 456. (C)
- Piscataqua River, N. H. and Me. Rept. Chief of Eng., 1884, pp. 487, 489, 490. (C)
- Owls Head Harbor, Me. Rept. Chief of Eng., 1885, p. 478. (C)

- Blunt, Charles Edward. Project, plan, estimate, etc., for the improvement of Little Harbor at Portsmouth, N. H. Rept. Chief of Eng., 1885, p. 481. (C)
- York Harbor, Me. Rept. Chief of Eng., 1885, p. 487; 1887, p. 462. (C)
- Wood Island Harbor, Me. Rept. Chief of Eng., 1885, p. 490. (C)
- Niagara ship canal, sketch of parts of Niagara and Erie counties, N. Y., showing approximately the routes of various lines surveyed for the, 1867 (in 2 sheets. Topographical map.
- See Boards—Bache, 1, 2; Cram, 1, 2; Maccomb, 2; Newton, 1; Woodruff, 12, 13, 14. (A)
- Blunt, Stanhope English (U. S. M. A., 1872). Photograph in Albums of officers' mess.
- Secretary of the Association of Graduates, U. S. M. A., and editor of its annuals from 1878 to 1880.
- Fort A. Lincoln ordnance depot, transfer to Fort Snelling recommended, p. 120; Ramrod bayonet rifles: use in Department of Dakota, 1822, p. 120; Mills's woven cartridge belts give satisfaction, p. 121. Rept. Chief of Ord., 1882, (C)
- Book on target firing to be prepared by. Rept. Chief of Ord., 1884, p. 5. (C)
- Instructions in rifle and carbine firing for the U. S. Army. Prepared by command of Brig. Gen. S. V. Benét, Chief of Ordnance, U. S. Army. 16°, pp. 342, ill. New York, 1885.
- Rev. ed. 24°. New York, 1886. (A)
- Firing regulations for small arms for the U. S. Army. 3d ed. 24°. New York, 1889. (A)
- 10th ed. New York, 1907. 1 vol., O., 358 pp. (A)
- Trial of Maxim smokeless powder, p. 184; Trial of Cordite smokeless powder, p. 185; Trial of Nobel smokeless powder, p. 191; Trial of French smokeless powder, p. 193; Trial of Du Pont smokeless powder, p. 199; Trial of Walsrode smokeless powder, p. 197; Velocities and pressures of various powders, p. 190; Practice of rifle club at Springfield Armory, p. 203; Rifle, caliber .45, practice firing of, Armory Rifle Club, p. 204. Rept. Chief of Ord., 1890, (C)
- Report on Maxim smokeless powder, p. 147; Trial of Kuhn-Schwabe smokeless powder, from Vienna, p. 148; Trial of Wetteren smokeless powder, pp. 152, 154; Trial of Clay's cartridge shell, p. 164; Target practice of Armory Rifle Club, p. 165; Rifle, caliber .45, vertical deviation greater than horizontal, p. 167. Rept. Chief of Ord., 1891. (C)
- Sights and bayonets for small arms used in foreign countries, p. 309; Report on Smokeless powder manufactured at Stowmarket, England, p. 333; Report on Troisdorf smokeless powder, p. 335; Springfield Armory pressure, description of gauge and rules for using, p. 639; Gauges, report on crusher and cutter for small arms, p. 927. Rept. Chief of Ord., 1892. (C)
- Rifle essay on modern infantry, p. 553; Infantry, of different nations, features of, rifles, p. 566; Mannlicher rifle, description of, p. 567; Description of Lee-Speed rifle, p. 570; Description of Krag-Jorgensen magazine gun, p. 575. Rept. Chief of Ord., 1893. (C)
- Blunt, Stanhope English. The modern infantry rifle. Oper. Div. Mil. Eng. Int. Cong. Eng., 1894, p. 395. Also in Chicago Exposition, 1893, Int. Cong. Eng., Oper. Div. Mil. Eng. (A)
- Report on dikes and dams of Rock Island water power; Report on manufacture of saddle-trees. Rept. Chief of Ord., 1897.
- Outline of instruction in small arms firing based on small arms firing regulations as modified by General Orders, No. 36, Adjutant-General's Office, 1897. For the use of cadets, U. S. M. A. West Point, 1898. 1 pam., O., 23 pp. (A)
- Report of principal operations at the Rock Island Arsenal. Repts. Chief of Ord., 1898, 1899, and 1900.
- Member of board on uniform caliber for small arms, etc., for Army, Navy, and Marine Corps. Rept. Chief of Ord., 1899.
- Target of a Springfield rifle, caliber .30. Jour. Mil. Serv. Inst., vol. 12, p. 1200. (A)
- Blythe, Calvin (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1885.
- Board (Gun Foundry), organized under act of Congress approved Mar. 3, 1883. Report of. O., pp. 80. Washington, 1884.
- Board of Engineers for Fortifications. Report upon the practice in Europe with the heavy Armstrong, Woolwich, and Krupp rifled guns, Q., pp. 48, 6 pls. and drawings. Washington, 1883. Prof. Papers Corps of Eng. U. S. A., No. 25.
- The fortifications of to-day, etc. Translated under the direction of the Board from foreign books and magazines. Q., pp. 29, 1 pl. Washington, 1883.
- Boards. Project plan estimate, etc., for the improvement of Lynn Harbor, Mass. Members: Lieut. Col. H. L. Abbot, 1; Lieut. Col. C. B. Comstock. Rept. Chief of Eng., 1884, p. 524. (A)
- Ohio River, bridge at Cairo, Ill. Members: Lieut. Col. H. L. Abbot, 2; Lieut. Col. O. M. Poe, Maj. A. Mackenzie, Maj. C. J. Allen. Rept. Chief of Eng., 1886, p. 2127. (A)
- Portage Lake and Lake Superior ship canal, Mich. Members: Col. H. L. Abbot, 3; Maj. O. H. Ernst, Maj. C. J. Allen. Rept. Chief of Eng., 1887, p. 1072. (A)
- Bangor Harbor and Penobscot River, Me. Members: Col. H. L. Abbot, 4; Col. C. B. Comstock, Lieut. Col. D. C. Houston, Lieut. Col. G. L. Gillespie. Rept. Chief of Eng., 1889, p. 520. (A)
- Boston Harbor, Mass. Members: Col. H. L. Abbot, 5; Lieut. Col. G. L. Gillespie, Lieut. Col. S. M. Mansfield, Maj. W. R. Livermore. Rept. Chief of Eng., 1889, p. 601; 1890, p. 532. (A)
- New York Harbor harbor lines. Members: Col. H. L. Abbot, 6; Col. C. B. Comstock, Lieut. Col. D. C. Houston, Lieut. Col. G. L. Gillespie. Rept. Chief of Eng., 1889, pp. 807, 809. (A)

Boards. Project, plan, estimate, etc., for the improvement of St. Augustine Harbor, Fla. Members: Col. H. L. Abbot, **7**; Lieut. Col. P. C. Hains, Capt. W. H. Bixby. Rept. Chief of Eng., 1889, p. 1313. (A)

— Key West Harbor, Fla. Members: Col. H. L. Abbot, **8**; Lieut. Col. P. C. Hains, Capt. W. H. Bixby. Rept. Chief of Eng., 1889, p. 1329; 1890, pp. 1581, 1583. (A)

— Hudson River. Members: Col. H. L. Abbot, **9**; Col. W. P. Craighill, Col. C. B. Comstock, Lieut. Col. G. L. Gillespie. Rept. Chief of Eng., 1890, pp. 779, 772. (A)

— New York Harbor harbor lines. Members: Col. H. L. Abbot, **10**; Col. W. P. Craighill, Col. C. B. Comstock, Col. D. C. Houston, Lieut. Col. G. L. Gillespie. Rept. Chief of Eng., 1890, p. 786; 1891, pp. 959, 960, 961, 963, 965, 973; 1892, p. 849. (A)

— Grand River, Mich. Members: Col. H. L. Abbot, **11**; Col. C. B. Comstock, Col. D. C. Houston, Lieut. Col. G. L. Gillespie. Rept. Chief of Eng., 1890, p. 2618. (A)

— Presque Isle Peninsula, Pa. Members: Col. H. L. Abbot, **12**; Col. C. B. Comstock, Lieut. Col. G. L. Gillespie. Rept. Chief of Eng., 1890, p. 2800. (A)

— bridges, Charles River, Mass. Members: Col. H. L. Abbot, **13**; Lieut. Col. G. L. Gillespie, Lieut. Col. S. M. Mansfield. Rept. Chief of Eng., 1890, p. 3482. (A)

— bridges, Harlem River. Members: Col. H. L. Abbot, **14**; Col. C. B. Comstock, Lieut. Col. G. L. Gillespie. Rept. Chief of Eng., 1890, p. 3487. (A)

— Boston Harbor, Mass. Members: Col. H. L. Abbot, **15**; Lieut. Col. G. L. Gillespie, Lieut. Col. S. M. Mansfield, Maj. W. R. Livermore. Rept. Chief of Eng., 1891, p. 688. (A)

— bridge, Hudson River. Members: Col. H. L. Abbot, **16**; Col. C. B. Comstock, Col. D. C. Houston, Lieut. Col. G. L. Gillespie. Rept. Chief of Eng., 1891, p. 3859. (A)

— Arthur Kill, N. Y. and N. J. Members: Col. H. L. Abbot, **17**; Col. W. P. Craighill, Col. D. C. Houston, Lieut. Col. G. L. Gillespie. Rept. Chief of Eng., 1892, p. 861. (A)

— Columbia River, Oreg. Members: Col. H. L. Abbot, **18**; Col. C. B. Comstock, Col. D. C. Houston, Lieut. Col. G. L. Gillespie. Rept. Chief of Eng., 1892, p. 2864. (A)

— harbor lines at Oswego, N. Y. Members: Col. H. L. Abbot, **19**; Maj. E. H. Ruffner, Capt. D. C. Kingman. Rept. Chief of Eng., 1893, p. 3179. (A)

— harbor lines, Harlem River. Members: Col. H. L. Abbot, **20**; Col. C. B. Comstock, Lieut. Col. H. M. Robert, Lieut. Col. G. L. Gillespie. Rept. Chief of Eng., 1894, p. 786. (A)

— harbor lines at Squaw Island, Niagara River, N. Y. Members: Col. H. L. Abbot, **21**; Col. C. B. Comstock, Capt. D. C. Kingman. Rept. Chief of Eng., 1894, p. 2452. (A)

— harbor lines in East River, N. Y. Members: Col. H. L. Abbot, **22**; Col. W. P. Craighill, Lieut. Col. H. M. Robert. Rept. Chief of Eng., 1895, p. 1017. (A)

Boards. Project, plan, estimate, etc., for the improvement of breakwater at Buffalo, N. Y. Members: Col. H. L. Abbot, **23**; Maj. H. M. Adams, Capt. D. C. Kingman. Rept. Chief of Eng., 1895, p. 3153. (A)

— bridges across certain rivers. Members: Lieut. Col. M. B. Adams, Maj. C. F. Powell, Major Willard, Maj. W. H. Bixby, Maj. D. C. Kingman, Capt. H. F. Hodges, Capt. E. Burr. Rept. Chief of Eng., 1900, p. 5103. (A)

— San Diego Harbor, Cal. Members: Lieut. Col. B. S. Alexander, **1**, president Board of Pacific coast. Rept. Chief of Eng., 1870, p. 514; 1872, p. 998. (A)

— Willamette River bridge at Portland, Oreg. Members: Lieut. Col. B. S. Alexander, **2**, Maj. C. S. Stewart, Maj. G. H. Mendell, Maj. H. M. Robert, Lieut. J. H. Weeden. Rept. Chief of Eng., 1873, p. 593. (A)

— San Diego Harbor, Cal. Members: Lieut. Col. B. S. Alexander, **3**, Lieut. Col. C. S. Stewart, Maj. G. H. Mendell, Lieut. J. H. Weeden. Rept. Chief of Eng., 1876, p. 630. (A)

— Willamette and Columbia rivers. Members: Lieut. Col. B. S. Alexander, **4**, Lieut. Col. C. S. Stewart, Maj. G. H. Mendell, Maj. J. M. Wilson. Rept. Chief of Eng., 1877, p. 1019. (A)

— Pacific coast, harbor of refuge. Members: Lieut. Col. B. S. Alexander, **5**, Lieut. Col. R. S. Williamson, Lieut. Col. C. S. Stewart, Maj. G. H. Mendell. Rept. Chief of Eng., 1877, p. 1054. (A)

— Cape Gregory, Oreg. Members: Lieut. Col. B. S. Alexander, **6**, Lieut. Col. C. S. Stewart, Lieut. Col. R. S. Williamson, Maj. G. H. Mendell. Rept. Chief of Eng., 1877, p. 1055. (A)

— Columbia River, Oreg. Members: Lieut. Col. B. S. Alexander, **7**, Lieut. Col. C. S. Stewart, Lieut. Col. R. S. Williamson, Maj. G. H. Mendell, Maj. J. M. Wilson, Lieut. A. H. Payson. Rept. Chief of Eng., 1878, p. 1333. (A)

— Ashland Harbor, Wis. Members: Maj. C. J. Allen, **1**, Capt. D. W. Lockwood, Capt. W. L. Marshall. Rept. Chief of Eng., 1887, p. 1961. (A)

— Mississippi River. Members: Maj. C. J. Allen, **2**, Maj. H. M. Adams, Capt. W. L. Marshall. Rept. Chief of Eng., 1888, p. 1511. (A)

— Memorial Bridge, Washington, D. C. Members: Lieut. Col. C. J. Allen, **2a**; Maj. T. W. Symons, Capt. D. DuB. Gaillard. Rept. Chief of Eng., 1900, p. 5126. (A)

— bridge across Potomac River, Washington, D. C. Members: Lieut. Col. C. J. Allen, **3**, Capt. E. Burr, Capt. L. H. Beach, Lieut. G. M. Hoffman. Rept. Chief of Eng., 1902, p. 2653. (A)

— Burlington Harbor, Vt. Members: Col. H. Bache, **1**, Lieut. Col. G. Thom, Lieut. Col. C. E. Blunt. Rept. Chief of Eng., 1867, pp. 234, 251. (A)

— Ogdensburg Harbor, N. Y. Members: Col. H. Bache, **2**, Lieut. Col. G. Thom, Lieut. Col. C. E. Blunt. Rept. Chief of Eng., 1867, p. 248. (A)

Boards. Project, plan, estimate, etc., for the improvement of Hudson River. Members: Col. H. Bache, 3; Col. H. Brewerton, Lieut. Col. J. Newton, Maj. H. L. Abbot. Rept. Chief of Eng., 1867, p. 445. (A)

— Provincetown Harbor, Mass. Members: Col. H. Bache, 4; Col. H. W. Benham, Lieut. Col. J. G. Foster. Rept. Chief of Eng., 1867, p. 464. (A)

— Saco River, Me. Members: Col. H. Bache, 5; Lieut. Col. G. Thom, Maj. T. L. Casey. Rept. Chief of Eng., 1867, p. 483. (A)

— Portland Harbor, Me. Members: Col. H. Bache, 6; Lieut. Col. G. Thom, Maj. T. L. Casey. Rept. Chief of Eng., 1867, p. 487. (A)

— Block Island, R. I. Members: Col. H. Bache, 7-8, and others. Rept. Chief of Eng., 1870, p. 451; 1875, p. 294; 1877, p. 201. (A)

— Tennessee River, Tenn. Members: Lieut. Col. J. W. Barlow, 1; Maj. A. Mackenzie, Maj. H. M. Adams. Rept. Chief of Eng., 1891, pp. 2313, 2317. (A)

— Cleveland Harbor, Ohio. Members: Col. J. W. Barlow, 2; Col. J. A. Smith, Maj. T. W. Symons. Rept. Chief of Eng., 1893, p. 3086. (A)

— Illinois and Desplaines rivers, Ill. Members: Col. J. W. Barlow, 3; Maj. J. H. Willard, Maj. C. McD. Townsend. Rept. Chief of Eng., 1900, p. 3857. (A)

— upper Illinois and Desplaines rivers, Ill. Members: Col. J. W. Barlow, 4; Maj. J. H. Willard, Maj. C. McD. Townsend. Rept. Chief of Eng., 1901, pp. 3049, 3058. (A)

— Ohio River Falls. Members: Col. J. G. Barnard, 1; Lieut. Col. J. G. Foster, Maj. O. M. Poe. Rept. Chief of Eng., 1872, p. 190. (A)

— James River and Kanawha canal. Members: Col. J. G. Barnard, 2-3; Maj. W. P. Craighill, Maj. G. Weitzel, Lieut. T. Turtle. Rept. Chief of Eng., 1874, p. 90; 1875, p. 632; 1877, p. 677. (A)

— Mississippi River at mouth. Members: Col. J. G. Barnard, 4; Lieut. Col. J. Newton, Maj. A. A. Gillmore, Maj. G. K. Warren, Maj. W. P. Craighill, Maj. G. Weitzel, Capt. C. W. Howell. Rept. Chief of Eng., 1874, p. 823. (A)

— Mississippi River, Cairo to mouth. Members: Col. J. G. Barnard, 5; Col. Z. B. Tower, Lieut. Col. H. G. Wright, Maj. C. B. Comstock, Maj. C. R. Suter. Rept. Chief of Eng., 1879, p. 1008. (A)

— Mississippi River levees. Members: Col. J. G. Barnard, 6; Col. Z. B. Tower, Lieut. Col. H. G. Wright, Maj. C. B. Comstock, Maj. C. R. Suter. Rept. Chief of Eng., 1879, p. 1018. (A)

— Sacramento and Feather rivers, Cal. Members: Lieut. Col. W. H. Benyaund, 1; Maj. W. H. Heuer, Maj. T. H. Handbury. Rept. Chief of Eng., 1891, p. 2996. (A)

— harbor lines at Napa City, Cal. Members: Lieut. Col. W. H. Benyaund, 2;

Maj. W. H. Heuer, Lieut. C. L. Potter. Rept. Chief of Eng., 1894, p. 2525. (A)

Boards. Project, plan, estimate, etc., for the improvement of Sacramento River, Cal. Members: Lieut. Col. W. H. Benyaund, 3; Maj. W. H. Heuer, Capt. C. E. Gillette. Rept. Chief of Eng., 1896, p. 3189. (A)

— Southern waters, removal of water hyacinth. Members: Lieut. Col. W. H. Benyaund, 4; Maj. J. B. Quinn. Rept. Chief of Eng., 1899, p. 1913. (A)

— Cape Cod ship canal, Mass. Members: Gen. R. F. Bernard, 1; Major Totten. Rept. Chief of Eng., 1870, p. 191. (A)

— Mississippi River to Atlantic Ocean. Members: Gen. R. F. Bernard, 2; Captain Poussin. Rept. Chief of Eng., 1870, p. 514. (A)

— Chesapeake and Ohio Canal. Members: Col. Bernard, 3; Capt. W. T. Poussin. Rept. Chief of Eng., 1874, p. 544. (A)

— Brunswick Harbor, Ga. Members: Capt. W. H. Bixby, Lieut. O. M. Carter. Rept. Chief of Eng., 1889, p. 1293. (A)

— St. Augustine Harbor, Fla. Members: Capt. W. M. Black, Lieut. O. M. Carter, Lieut. D. DuB. Gaillard. Rept. Chief of Eng., 1891, p. 1987. (A)

— Sandy bay, Mass. Members: Col. C. E. Blunt, Lieut. Col. W. P. Craighill, Lieut. Col. W. McFarland, Maj. C. W. Raymond. Rept. Chief of Eng., 1885, pp. 523, 528. (A)

— Savannah Harbor and River, Ga. Members: Captain Bowen, Lieutenant Gilmer. Rept. Chief of Eng., 1873, p. 737. (A)

— water supply of Washington, D. C. Members: Col. T. L. Casey, 1; Lieut. Col. W. P. Craighill, Maj. G. J. Lydecker. Rept. Chief of Eng., 1885, p. 2497. (A)

— Saco River, Me. Members: Col. T. L. Casey, 2; Col. H. L. Abbot, Lieut. Col. D. C. Houston, Maj. W. R. King. Rept. Chief of Eng., 1887, p. 459. (A)

— New York Harbor. Members: Col. T. L. Casey, 3; Col. H. L. Abbot, Lieut. Col. C. B. Comstock, Lieut. Col. D. C. Houston, Lieut. Col. W. McFarland. Rept. Chief of Eng., 1887, p. 731. (A)

— Arkansas River, above Fort Smith, Ark. Members: Col. T. L. Casey, 4; Col. H. L. Abbot, Lieut. Col. C. B. Comstock, Lieut. Col. W. McFarland. Rept. Chief of Eng., 1887, p. 1523. (A)

— Mississippi River. Members: Col. T. L. Casey, 5; Col. H. L. Abbot, Lieut. Col. D. C. Houston, Lieut. Col. W. McFarland, Maj. W. R. King. Rept. Chief of Eng., 1887, pp. 1680, 1692. (A)

— Fox and Wisconsin rivers. Members: Col. T. L. Casey, 6; Col. H. L. Abbot, Lieut. Col. C. B. Comstock, Lieut. Col. D. C. Houston, Lieut. Col. W. McFarland. Rept. Chief of Eng., 1887, p. 2094. (A)

— Toledo Harbor, Ohio. Members: Col. T. L. Casey, 7; Col. H. L. Abbot, Col. W. P. Craighill, Lieut. Col. D. C. Houston, Lieut. Col. W. McFarland, Maj. W. R. King. Rept. Chief of Eng., 1887, p. 2295. (A)

- Boards.** Project, plan, estimate, etc., for the improvement of Buffalo Harbor, N. Y. Members Col. T. L. Casey, 8; Col. H. L. Abbot, Lieut. Col. C. B. Comstock, Lieut. Col. D. C. Houston. Rept. Chief of Eng., 1887, p. 2362. (A)
- Oswego, N. Y. Members: Col. T. L. Casey, 9; Col. H. L. Abbot, Lieut. Col. D. C. Houston. Rept. Chief of Eng., 1887, p. 2360. (A)
- Brazos River, Tex. Members: Col. T. L. Casey, 10; Col. H. L. Abbot, Lieut. Col. W. McFarland, Maj. W. R. King. Rept. Chief of Eng., 1888, p. 1299. (A)
- Matagorda Bay, Tex. Members: Col. T. L. Casey, 11; Col. H. L. Abbot, Lieut. Col. W. McFarland, Maj. W. R. King. Rept. Chief of Eng., 1888, p. 1299. (A)
- Aransas Pass and Bay, Tex. Members: Col. T. L. Casey, 12; Col. H. L. Abbot, Col. W. P. Craighill, Lieut. Col. D. C. Houston, Lieut. Col. W. McFarland, Maj. W. R. King. Rept. Chief of Eng., 1888, p. 1318. (A)
- Arkansas River, Ark. and Kans. Members: Col. T. L. Casey, 13; Col. H. L. Abbot, Lieut. Col. C. B. Comstock, Lieut. Col. D. C. Houston, Maj. W. R. King. Rept. Chief of Eng., 1888, p. 1389. (A)
- bridge, Arthur Kill. Members: Col. T. L. Casey, 14; Lieut. Col. H. M. Robert, Lieut. Col. P. C. Hains, Maj. W. R. King, Capt. E. Maguire. Rept. Chief of Eng., 1888, pp. 2423, 2426, 2429. (A)
- bridge, Staten Island Sound. Members: Col. T. L. Casey, 15; Lieut. Col. H. M. Robert, Lieut. Col. P. C. Hains, Maj. W. R. King, Capt. E. Maguire. Rept. Chief of Eng., 1888, p. 2430. (A)
- Chesapeake and Delaware Canal. Members: Brig. Gen. T. L. Casey, 16; Col. W. P. Craighill. Rept. Chief of Eng., 1895, p. 1195. (A)
- Lakes Huron and Erie, canal to connect. Members: Maj. C. B. Comstock, 1; Maj. G. Weitzel. Rept. Chief of Eng., 1874, p. 213. (A)
- Mississippi River, Falls of St. Anthony to Cairo. Members: Maj. C. B. Comstock, 2; Maj. D. C. Houston, Maj. F. U. Farquhar. Rept. Chief of Eng., 1879, p. 1143. (A)
- Mississippi River, Dubuque Harbor, Iowa. Members: Maj. C. B. Comstock, 3; Maj. D. C. Houston, Maj. F. U. Farquhar. Rept. Chief of Eng., 1879, p. 1143. (A)
- Mississippi River. Members: Maj. C. B. Comstock, 4; Maj. C. R. Suter, Capt. A. Mackenzie. Rept. Chief of Eng., 1881, p. 1569. (A)
- Grand Marais, Mich., harbor of refuge. Members: Lieut. Col. C. B. Comstock, 5; Maj. G. Weitzel, Maj. H. M. Robert. Rept. Chief of Eng., 1881, p. 2050. (A)
- Milwaukee Bay, Wis. Members: Maj. C. B. Comstock, 6; Maj. G. Weitzel, Maj. H. M. Robert. Rept. Chief of Eng., 1881, p. 2122. (A)
- Boards.** Project, plan, estimate, etc., for the improvement of Great Kanawha River, W. Va. Members: Lieut. Col. C. B. Comstock, 7; Maj. G. Weitzel, Maj. W. E. Merrill, Capt. T. Turtle. Rept. Chief of Eng., 1882, p. 926. (A)
- Ohio River bridge at Louisville, Ky. Members: Lieut. Col. C. B. Comstock, 8; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1882, p. 1988. (A)
- Ohio River bridge at Hendersonville, Ky. Members: Lieut. Col. C. B. Comstock, 9; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1882, p. 1992. (A)
- Ohio River bridge at Point Pleasant, W. Va. Members: Lieut. Col. C. B. Comstock, 10; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1882, p. 2000. (A)
- Ohio River bridge at Wheeling, W. Va. Members: Lieut. Col. C. B. Comstock, 11; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1884, p. 1776. (A)
- Atlantic City Harbor, N. J. Members: Lieut. Col. C. B. Comstock, 12; Lieut. Col. H. M. Robert, Lieut. Col. W. McFarland. Rept. Chief of Eng., 1887, p. 815. (A)
- Illinois and Michigan Canal. Members: Lieut. Col. C. B. Comstock, 13; Lieut. Col. O. M. Poe, Maj. J. C. Post. Rept. Chief of Eng., 1887, p. 2128. (A)
- Hennepin Canal. Members: Lieut. Col. C. B. Comstock, 14; Lieut. Col. O. M. Poe, Maj. J. C. Post. Rept. Chief of Eng., 1887, p. 2137. (A)
- Winyaw Bay, S. C. Members: Col. C. B. Comstock, 15; Lieut. Col. D. C. Houston, Lieut. Col. H. M. Robert. Rept. Chief of Eng., 1889, p. 1114. (A)
- bridge, Mississippi River. Members: Col. C. B. Comstock, 16; Lieut. Col. C. R. Suter, Maj. O. H. Ernst, Maj. C. J. Allen, Capt. D. C. Kingman. Rept. Chief of Eng., 1890, p. 3454. (A)
- bridges, Mississippi River. Members: Col. C. B. Comstock, 17; Maj. C. J. Allen, Capt. D. C. Kingman. Rept. Chief of Eng., 1890, p. 3457. (A)
- bridge, Ohio River. Members: Col. C. B. Comstock, 18; Lieut. Col. C. R. Suter, Maj. C. J. Allen. Rept. Chief of Eng., 1890, p. 3470. (A)
- Sabine Pass, Tex. Members: Col. C. B. Comstock, 19; Maj. J. B. Quinn, Capt. W. M. Black. Rept. Chief of Eng., 1891, p. 1834. (A)
- Galveston Bay Ship Channel, Tex. Members: Col. C. B. Comstock, 20; Maj. C. J. Allen, Lieut. W. C. Langfitt. Rept. Chief of Eng., 1891, p. 1910. (A)
- Ohio River at Logstown Bar. Members: Col. C. B. Comstock, 21; Maj. A. Stickney, Maj. A. Mackenzie. Rept. Chief of Eng., 1893, p. 2476. (A)
- Bishop Canal Lock. Members: Maj. W. P. Craighill, 2; Capt. W. R. King. Rept. Chief of Eng., 1899, p. 529. (A)

- Boards. Project, plan, estimate, etc., for the improvement of Fox and Wisconsin rivers. Members: Maj. W. P. Craighill, 1; Maj. D. C. Houston, Maj. W. E. Merrill. Rept. Chief of Eng., 1879, p. 1547. (A)
- Kentucky River, Ky. Members: Lieut. Col. W. P. Craighill, 2; Lieut. Col. W. E. Merrill, Capt. J. C. Post. Rept. Chief of Eng., 1884, pp. 1729, 1731. (A)
- Ohio River, bridge at Beaver, Pa. Members: Lieut. Col. W. P. Craighill, 3; Lieut. Col. G. Weitzel, Maj. A. Mackenzie. Rept. Chief of Eng., 1884, p. 1780; 1887, p. 2055. (A)
- Great Kanawha River, bridge at Charleston, W. Va. Members: Lieut. Col. W. P. Craighill, 4; Lieut. Col. W. E. Merrill, Capt. J. C. Post. Rept. Chief of Eng., 1884, p. 1708. (A)
- Delaware River. Members: Lieut. Col. W. P. Craighill, 5; Lieut. Col. W. McFarland, Maj. G. L. Gillespie, Maj. W. H. Heuer. Rept. Chief of Eng., 1885, pp. 822, 830; 1889, p. 822. (A)
- Norfolk Harbor, Va. Members: Lieut. Col. W. P. Craighill, 6; Maj. P. C. Hains, Capt. F. A. Hinman. Rept. Chief of Eng., 1885, pp. 1020, 1021; 1887, p. 974. (A)
- Sturgeon Bay Canal, Wis. Members: Lieut. Col. W. P. Craighill, 7; Lieut. Col. G. L. Gillespie, Capt. W. L. Marshall. Rept. Chief of Eng., 1887, p. 2021. (A)
- Black Warrior River, Ala. Members: Col. W. P. Craighill, 8; Lieut. Col. W. E. Merrill, Maj. W. R. King, Maj. A. N. Damrell, Maj. J. C. Post. Rept. Chief of Eng., 1887, p. 1302. (A)
- Kentucky River, Ky. Members: Col. W. P. Craighill, 9; Lieut. Col. W. E. Merrill, Maj. J. C. Post. Rept. Chief of Eng., 1887, p. 1882. (A)
- Delaware River. Members: Col. W. P. Craighill, 10; Lieut. Col. C. B. Comstock, Lieut. Col. H. M. Robert. Rept. Chief of Eng., 1888, p. 679. (A)
- Columbia River, Oreg. Members: Col. W. P. Craighill, 11; Lieut. Col. G. L. Gillespie, Maj. J. C. Post. Rept. Chief of Eng., 1888, p. 2170. (A)
- bridge, Great Kanawha River. Members: Col. W. P. Craighill, 12; Lieut. Col. W. E. Merrill, Maj. J. C. Post. Rept. Chief of Eng., 1888, p. 2448. (A)
- Norfolk Harbor, Va. Members: W. P. Craighill, 13; Lieut. Col. P. C. Hains, Lieut. G. J. Fiebeger. Rept. Chief of Eng., 1889, p. 979; 1890, p. 1030. (A)
- Savannah River, Ga. Members: Col. W. P. Craighill, 14; Capt. W. H. Bixby, Lieut. O. M. Carter. Rept. Chief of Eng., 1889, p. 1289. (A)
- James River, Va. Members: Col. W. P. Craighill, 15; Lieut. Col. P. C. Hains, Lieut. G. J. Fiebeger. Rept. Chief of Eng., 1890, p. 1016. (A)
- Delaware Bay, Del. Members: Col. W. P. Craighill, 16; Maj. C. W. Raymond, Capt. W. H. Bixby. Rept. Chief of Eng., 1890, p. 1120; 1892, p. 941. (A)
- Boards. Project, plan, estimate, etc., for the improvement of Philadelphia Harbor. Pa. Members: Col. W. P. Craighill, 17; Col. C. B. Comstock, Maj. C. W. Raymond. Rept. Chief of Eng., 1891, p. 1122. (A)
- Sandy Bay, Mass. Members: Col. W. P. Craighill, 18; Lieut. Col. S. M. Mansfield, Maj. C. W. Raymond. Rept. Chief of Eng., 1892, p. 506. (A)
- Potomac River, D. C. Members: Col. W. P. Craighill, 19; Lieut. Col. G. H. Elliot, Maj. C. E. L. B. Davis. Rept. Chief of Eng., 1892, p. 1089. (A)
- Bayou Plaquemine, La. Members: Col. W. P. Craighill, 20; Maj. A. Mackenzie, Maj. J. B. Quinn. Rept. Chief of Eng., 1892, pp. 1496, 1498. (A)
- Big Sandy River, W. Va. and Ky. Members: Col. W. P. Craighill, 21; Maj. D. W. Lockwood, Capt. T. Turtle. Rept. Chief of Eng., 1892, p. 2102. (A)
- New York Harbor, harbor lines. Members: Col. W. P. Craighill, 22; Col. C. B. Comstock, Col. D. C. Houston, Lieut. Col. G. L. Gillespie. Rept. Chief of Eng., 1893, pp. 1088, 1095. (A)
- Deep-water harbor at San Pedro or Santa Monica bays, Cal. Members: Col. W. P. Craighill, 23; Lieut. Col. H. M. Robert, Lieut. Col. P. C. Hains, Maj. C. W. Raymond, Maj. T. H. Handbury. Rept. Chief of Eng., 1893, p. 3238. (A)
- harbor lines, Port of Philadelphia, Pa. Members: Col. W. P. Craighill, 24; Col. C. B. Comstock, Maj. C. W. Raymond. Rept. Chief of Eng., 1894, p. 864. (A)
- Allegheny River below Herr Island. Members: Col. W. P. Craighill, 25; Maj. D. W. Lockwood, Maj. T. Turtle. Rept. Chief of Eng., 1894, p. 1924. (A)
- Buffalo Harbor, N. Y. Members: Col. T. J. Cram, 1; Col. J. N. Macomb, Lieut. Col. W. F. Reynolds, Lieut. Col. J. Newton, Lieut. Col. C. E. Blunt, Maj. J. B. Wheeler, Capt. F. Harwood. Rept. Chief of Eng., 1895, p. 220. (A)
- New Buffalo Harbor, Mich. Members: Col. T. J. Cram, 2; Col. J. N. Macomb, Lieut. Col. W. F. Reynolds, Lieut. Col. J. Newton, Lieut. Col. C. E. Blunt, Maj. J. B. Wheeler, Capt. F. Harwood. Rept. Chief of Eng., 1895, p. 223. (A)
- Marquette Harbor, Mich. Members: Maj. C. E. L. B. Davis, Maj. C. J. Allen, Maj. J. B. Quinn. Rept. Chief of Eng., 1889, p. 2032. (A)
- Cape Fear River, N. C. Members: Col. R. E. De Russy and others. Rept. Chief of Eng., 1873, p. 809. (A)
- Nantucket Harbor, Mass. Members: Col. J. C. Duane, 1; Lieut. Col. C. B. Comstock. Rept. Chief of Eng., 1885, p. 570. (A)

- Boards.** Project, plan, estimate, etc., for the improvement of New York Harbor. Members: Col. J. C. Duane, 2, Lieut. Col. H. L. Abbot, Lieut. Col. C. B. Comstock. Rept. Chief of Eng., 1885, p. 783. (A)
- Sabine Pass, Tex. Members: Col. J. C. Duane, 3; Lieut. Col. H. L. Abbot, Lieut. Col. C. B. Comstock. Rept. Chief of Eng., 1885, p. 1420. (A)
- Rouse's Point Harbor, N. Y. Members: Col. J. C. Duane, 4, Lieut. Col. H. L. Abbot, Lieut. Col. C. B. Comstock. Rept. Chief of Eng., 1885, p. 2302. (A)
- Galveston Harbor, Tex. Members: Col. J. C. Duane, 5, Lieut. Col. H. L. Abbot, Lieut. Col. C. B. Comstock. Rept. Chief of Eng., 1886, p. 1292. (A)
- Water supply of Washington, D. C. Members: Col. J. C. Duane, 6, Lieut. Col. H. L. Abbot, Lieut. Col. C. B. Comstock, Lieut. Col. W. McFarland. Rept. Chief of Eng., 1887, p. 2546. (A)
- Feasibility and advisability of using the water power of Great Falls for providing electric light for public and private use in the District of Columbia. Members: Col. G. H. Elliot, Capt. J. G. D. Knight. Rept. Chief of Eng., 1894, p. 3259. (A)
- Project, plan, estimate, etc., for the improvement of Charleston Harbor, S. C. Members: Lieut. Col. G. L. Gillespie, 1; Lieut. Col. W. R. King, Maj. J. C. Post. Rept. Chief of Eng., 1880, p. 1150. (A)
- Savannah River, Ga. Members: Lieut. Col. G. L. Gillespie, 2, Lieut. Col. W. R. King, Maj. J. C. Post. Rept. Chief of Eng., 1880, p. 1236. (A)
- Cumberland Sound, Ga. and Fla. Members: Lieut. Col. G. L. Gillespie, 3, Lieut. Col. W. R. King, Maj. J. C. Post. Rept. Chief of Eng., 1880, p. 1281. (A)
- Hudson River, N. Y. Members: Lieut. Col. G. L. Gillespie, 4, Maj. A. Stickney, Maj. C. W. Raymond. Rept. Chief of Eng., 1892, p. 752. (A)
- harbor lines in Greenport Harbor, Conn. Members: Col. G. L. Gillespie, 5, Capt. W. L. Fisk, Lieut. W. E. Craighill. Rept. Chief of Eng., 1890, p. 816. (A)
- Cape Fear River, N. C. Members: Lieut. Col. Q. H. Gillmore, 1; Lieut. Col. W. P. Craighill, Lieut. Col. C. B. Comstock, Capt. T. Turtle. Rept. Chief of Eng., 1882, p. 942. (A)
- Potomac River, D. C. Members: Lieut. Col. Q. H. Gillmore, 2, Lieut. Col. W. P. Craighill, Lieut. Col. C. B. Comstock, Capt. T. Turtle. Rept. Chief of Eng., 1882, p. 987. (A)
- Potomac River, D. C. Members: Lieut. Col. Q. H. Gillmore, 3; Lieut. Col. C. B. Comstock, Lieut. Col. W. P. Craighill. Rept. Chief of Eng., 1885, p. 941. (A)
- Rock Island Rapids, Mississippi River. Member: Capt. P. C. Hains, 1. Rept. Chief of Eng., 1867, p. 298. (A)
- Wharf, Port Monroe, Va. Member: Lieut. Col. P. C. Hains, 2. Rept. Chief of Eng., 1888, p. 805. (A)
- Boards.** Project, plan, estimate, etc., for the improvement of Christiana River, Del. Members: Col. P. C. Hains, 3; Maj. C. W. Raymond, Maj. C. E. L. B. Davis. Rept. Chief of Eng., 1860, p. 902. (A)
- harbor lines at or near Snow Hill, Pocomoke River, Md. Members: Col. P. C. Hains, 4, Maj. C. W. Raymond, Lieut. S. Cosby. Rept. Chief of Eng., 1860, p. 996. (A)
- Cumberland Sound, Ga. Members: Col. P. C. Hains, 5, Maj. T. H. Handbury, Capt. W. M. Black, Capt. F. V. Abbot, Capt. O. M. Carter, Lieut. H. Burgess. Rept. Chief of Eng., 1890, p. 1280. (A)
- St. Johns River, Fla. Members: Col. P. C. Hains, 6, Maj. T. H. Handbury, Capt. W. M. Black, Capt. F. V. Abbot, Capt. O. M. Carter, Lieut. H. Burgess. Rept. Chief of Eng., 1890, p. 1309. (A)
- Ashley and Cooper rivers, S. C., harbor lines. Members: Col. P. C. Hains, 7; Maj. W. T. Rossell, Capt. F. V. Abbot, Lieut. E. R. Stuart. Rept. Chief of Eng., 1867, p. 1488. (A)
- Wilmington Harbor and Christiana River, Del. Members: Col. P. C. Hains, 8; Maj. C. J. Allen, Maj. C. W. Raymond. Rept. Chief of Eng., 1897, p. 1255. (A)
- Coosa River, Ga. and Ala. Members: Col. P. C. Hains, 9, Maj. R. L. Hoxie, Maj. W. T. Rossell, Lieut. W. E. Craighill. Rept. Chief of Eng., 1897, p. 1650. (A)
- Siuslaw River and Bar, Oreg. Members: Maj. T. H. Handbury, Capt. T. W. Symons, Lieut. E. Burr. Rept. Chief of Eng., 1891, p. 3175. (A)
- Willamette River, Oreg. Members: Maj. W. H. Hener, Capt. W. C. Langfitt, Capt. W. W. Harts. Rept. Chief of Eng., 1900, p. 4374. (A)
- Saugatuck Harbor, Mich. Members: Maj. D. C. Houston, 1; Maj. J. M. Wilson, Maj. S. M. Mansfield. Rept. Chief of Eng., 1875, p. 258; 1876, vol. 2, p. 506. (A)
- St. Joseph Harbor, Mich. Members: Maj. D. C. Houston, 2, Maj. G. L. Gillespie, Maj. S. M. Mansfield. Rept. Chief of Eng., 1876, p. 316. (A)
- St. Joseph Harbor, bridge at St. Joseph, Mich. Members: Maj. D. C. Houston, 3; Maj. G. L. Gillespie, Maj. S. M. Mansfield. Rept. Chief of Eng., 1876, p. 317. (A)
- Ahnapee Harbor, Wis. Members: Maj. D. C. Houston, 4; Maj. H. M. Robert, Maj. F. U. Farquhar, Maj. G. L. Gillespie, Maj. S. M. Mansfield. Rept. Chief of Eng., 1876, pp. 346, 354. (A)
- Chicago Harbor, Ill. Members: Maj. D. C. Houston, 5; Maj. H. M. Robert, Maj. J. A. Smith, Maj. S. M. Mansfield, Capt. G. J. Lydecker. Rept. Chief of Eng., 1879, p. 1561. (A)
- Michigan City Harbor, Ind. Members: Maj. D. C. Houston, 6; Maj. H. M. Robert, Maj. J. A. Smith, Maj. S. M. Mansfield, Capt. G. J. Lydecker. Rept. Chief of Eng., 1879, p. 1588. (A)

Boards. Project, plan, estimate, etc., for the improvement of Superior Bay and St. Louis Bay, Wis. Members: Maj. D. C. Houston, 7; Capt. A. Mackenzie, Capt. C. J. Allen. Rept. Chief of Eng., 1880, pp. 2024, 2020. (A)

— Mississippi River. Members: Maj. D. C. Houston, 8; Maj. H. M. Robert, Maj. G. J. Lydecker, Capt. C. J. Allen. Rept. Chief of Eng., 1881, p. 1763; 1883, p. 1471. (A)

— Duluth Harbor, Minn. Members: Maj. D. C. Houston, 9; Capt. A. Mackenzie, Capt. C. J. Allen. Rept. Chief of Eng., 1881, p. 2026. (A)

— Michigan City Harbor, Ind. Members: Maj. D. C. Houston, 10; Maj. H. M. Robert, Maj. J. A. Smith, Maj. G. J. Lydecker. Rept. Chief of Eng., 1881, p. 2187; 1882, p. 2204. (A)

— Sturgeon Bay Canal, Wis. Members: Lieut. Col. D. C. Houston, 11; Maj. H. M. Robert. Rept. Chief of Eng., 1883, p. 1057. (A)

— Fox and Wisconsin rivers. Members: Lieut. Col. D. C. Houston, 12; Maj. H. M. Robert, Maj. W. H. H. Benyaure. Rept. Chief of Eng., 1883, pp. 1725, 1727, 1738. (A)

— Calumet River, Ill. and Ind. Members: Lieut. Col. D. C. Houston, 13; Maj. J. A. Smith, Maj. W. H. H. Benyaure. Rept. Chief of Eng., 1883, p. 1748. (A)

— Frankfort Harbor, Mich. Members: Maj. D. C. Houston, 14; Maj. J. A. Smith, Maj. W. H. H. Benyaure. Rept. Chief of Eng., 1883, p. 1811. (A)

— Stamford Harbor, Conn. Members: Col. D. C. Houston, 15; Lieut. Col. G. L. Gillespie, Capt. T. I. Casey. Rept. Chief of Eng., 1890, pp. 332, 682, 683, 680. (A)

— Wilmington Harbor, Del. Members: Col. D. C. Houston, 16; Maj. C. W. Raymond. Rept. Chief of Eng., 1891, p. 1138. (A)

— Bridgeport Harbor, Conn., harbor lines. Members: Col. D. C. Houston, 17; Lieut. Col. G. L. Gillespie, Capt. T. I. Casey. Rept. Chief of Eng., 1893, p. 999. (A)

— Rock Island bridge. Members: Capt. A. A. Humphreys, 1; Captain Meade, Captain Franklin. Rept. Chief of Eng., 1878, p. 1036. (A)

— Baltimore Harbor, Md., pier and bulkhead lines. Members: Brigadier-General Humphreys, 2; Maj. W. P. Craighill. Rept. Chief of Eng., 1879, pp. 497, 500. (A)

— Oswego Harbor, N. Y. Members: Lieut. Col. James Kearney, Major Long, Major Bache, Major Turnbull. Rept. Chief of Eng., 1874, p. 263. (A)

— Monongahela River, Pa. and W. Va. Members: Maj. W. R. King, 1; Maj. A. Stickney, Maj. A. Mackenzie. Rept. Chief of Eng., 1887, p. 1802. (A)

— Green River and tributaries, Ky. Members: Maj. W. R. King, 2; Maj. A. Stickney, Maj. A. Mackenzie. Rept. Chief of Eng., 1887, p. 1903. (A)

Boards. Project, plan, estimate, etc., for the improvement of Buffalo Harbor, N. Y. Members: Lieut. Col. W. R. King, 3; Maj. I. C. Overman, Capt. G. McC. Derby. Rept. Chief of Eng., 1880, pp. 2388, 2301. (A)

— construction of entrance to the left lock at Riverton, Ala. Members: Capt. D. C. Kingman, Capt. G. W. Goethals, Capt. J. G. Warren. Rept. Chief of Eng., 1897, p. 2202. (A)

— Portland Oreg. harbor lines. Members: Capt. W. C. Langfitt, Capt. H. Taylor, Capt. W. W. Harts. Rept. Chief of Eng., 1900, p. 4456. (A)

— bridge, Chicago River. Members: Maj. W. Ludlow, Maj. C. E. I. B. Davis, Capt. W. I. Marshall. Rept. Chief of Eng., 1897, p. 3864. (A)

— outer harbor at Michigan City, Ind. Members: Lieut. Col. G. J. Lydecker, 1; Maj. W. I. Marshall, Capt. C. McD. Townsend. Rept. Chief of Eng., 1897, p. 2003. (A)

— Delaware River, Pa. and N. J. Members: Lieut. Col. G. J. Lydecker, 2; Lieut. Col. C. W. Raymond, Maj. W. H. Bixby. Rept. Chief of Eng., 1900, p. 1615. (A)

— Cleveland Harbor, Ohio. Members: Lieut. Col. W. McFarland, Lieut. Col. J. M. Wilson, Maj. L. C. Overman. Rept. Chief of Eng., 1885, p. 2234. (A)

— Mississippi River. Members: Maj. A. Mackenzie, Maj. A. M. Miller, Maj. E. H. Kuffner. Rept. Chief of Eng., 1891, p. 2131. (A)

— Mississippi River, Des Moines Rapids. Members: Col. J. N. Macomb, 1; Lieut. Col. J. H. Wilson, Maj. G. K. Warren, Capt. P. C. Hains. Rept. Chief of Eng., 1867, p. 310. (A)

— Erie Harbor, Pa. Members: Col. J. N. Macomb, 2; Lieut. Col. J. Newton, Lieut. Col. W. F. Reynolds, Lieut. Col. C. E. Blunt, Maj. J. B. Wheeler, Capt. F. Harwood. Rept. Chief of Eng., 1868, p. 179. (A)

— Mississippi River, Falls of St. Anthony to Cairo. Members: Col. J. N. Macomb, 3; Lieut. Col. J. H. Wilson, Maj. G. K. Warren, Capt. P. C. Hains. Rept. Chief of Eng., 1868, p. 674. (A)

— Toledo Harbor, Ohio. Members: Col. J. N. Macomb, 4; Col. J. H. Simpson, Lieut. Col. I. C. Woodruff, Maj. J. B. Wheeler, Maj. W. McFarland. Rept. Chief of Eng., 1860, p. 124. (A)

— Chicago Harbor, Ill. Members: Col. J. N. Macomb, 5; Lieut. Col. W. F. Reynolds, Maj. J. B. Wheeler, Maj. G. Weitzel, Maj. W. McFarland. Rept. Chief of Eng., 1870, p. 124. (A)

— Michigan City Harbor, Ind. Members: Col. J. N. Macomb, 6; Lieut. Col. W. F. Reynolds, Maj. J. B. Wheeler, Maj. G. Weitzel, Maj. W. McFarland. Rept. Chief of Eng., 1870, p. 124. (A)

Boards. Project, plan, estimate, etc., for the improvement of Duluth Harbor, Minn. Members: Col. J. N. Macomb, **7**; Lieut. Col. W. F. Reynolds, Maj. J. B. Wheeler, Maj. G. Weitzel, Maj. W. McFarland. Rept. Chief of Eng., 1870, p. 125; 1870, p. 1472. (A)

— Calumet Harbor, Ill. Members: Col. J. N. Macomb, **8**; Lieut. Col. W. F. Reynolds, Maj. J. B. Wheeler, Maj. G. Weitzel, Maj. W. McFarland. Rept. Chief of Eng., 1870, p. 125; 1876, p. 442. (A)

— Lake Huron, harbor of refuge on. Members: Col. J. N. Macomb, **9**; Col. I. C. Woodruff, Lieut. Col. J. G. Foster, Maj. C. B. Comstock, Maj. O. M. Poe, Maj. F. U. Farquhar. Rept. Chief of Eng., 1872, p. 209; 1873, p. 244. (A)

— Mississippi River, Falls of St. Anthony. Members: Col. J. N. Macomb, **10**; Lieut. Col. J. D. Kurtz, Maj. G. Weitzel, Maj. O. M. Poe, Maj. D. C. Houston. Rept. Chief of Eng., 1872, p. 302; 1873, p. 400; 1874, p. 289. (A)

— Mississippi River, Des Moines Rapids. Members: Col. J. N. Macomb, **11**; Capt. T. A. Bingham. Rept. Chief of Eng., 1872, p. 10. (A)

— Rock Island Rapids, Mississippi River. Members: Col. J. N. Macomb, **12**; Lieut. Col. J. H. Wilson, Capt. A. H. Burnham. Rept. Chief of Eng., 1872, p. 320. (A)

— Duluth Harbor, Minn. Members: Col. J. N. Macomb, **13**; Lieut. Col. Z. B. Tower, Maj. G. Weitzel, Maj. D. C. Houston, Maj. F. U. Farquhar. Rept. Chief of Eng., 1873, p. 129. (A)

— Superior City Harbor, Wis. Members: Col. J. N. Macomb, **14**; Lieut. Col. Z. B. Tower, Maj. G. Weitzel, Maj. D. C. Houston, Maj. F. U. Farquhar. Rept. Chief of Eng., 1873, p. 129. (A)

— Superior Bay, Wis. Members: Col. J. N. Macomb, **15**; Lieut. Col. Z. B. Tower, Maj. G. Weitzel, Maj. D. C. Houston, Maj. F. U. Farquhar. Rept. Chief of Eng., 1873, p. 130. (A)

— Buffalo Harbor, N. Y. Members: Col. J. N. Macomb, **16**; Maj. D. C. Houston, Maj. J. M. Wilson, Maj. F. Harwood. Rept. Chief of Eng., 1873, pp. 353, 354. (A)

— Mississippi River, Falls of St. Anthony. Members: Col. J. N. Macomb, **17**; Lieut. Col. J. D. Kurtz, Maj. G. Weitzel, Maj. O. M. Poe, Maj. F. U. Farquhar. Rept. Chief of Eng., 1874, p. 285; 1879, p. 1164. (A)

— Mississippi River, bridge at Clinton, Iowa. Members: Col. J. N. Macomb, **18**; Maj. G. Weitzel, Maj. F. U. Farquhar. Rept. Chief of Eng., 1875, p. 683. (A)

— Mississippi River, bridge at Dubuque, Iowa. Members: Col. J. N. Macomb, **19**; Maj. F. U. Farquhar, Maj. C. R. Suter. Rept. Chief of Eng., 1870, p. 309. (A)

— Mississippi River, bridge piers. Members: Col. J. N. Macomb, **20**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. F. U. Far-

quhar, Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1877, p. 819. (A)

Boards. Project, plan, estimate, etc., for the improvement of Mississippi River, bridge at La Crosse, Wis. Members: Col. J. N. Macomb, **21**; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1877, pp. 819, 822. (A)

— Mississippi River, bridge at Winona, Minn. Members: Col. J. N. Macomb, **22**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. F. U. Farquhar, Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1877, pp. 819, 822. (A)

— Mississippi River, bridge at Dubuque, Iowa. Members: Col. J. N. Macomb, **23**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. F. U. Farquhar, Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1877, pp. 819, 823. (A)

— Mississippi River, bridge at Burlington, Iowa. Members: Col. J. N. Macomb, **24**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. F. U. Farquhar, Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1877, pp. 819, 824. (A)

— Mississippi River, bridge at Clinton, Iowa. Members: Col. J. N. Macomb, **25**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. C. R. Suter, Maj. F. U. Farquhar, Capt. C. J. Allen. Rept. Chief of Eng., 1877, pp. 819, 825. (A)

— Mississippi River, bridge at Keokuk, Iowa. Members: Col. J. N. Macomb, **26**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. F. U. Farquhar, Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1877, pp. 819, 825. (A)

— Mississippi River, Quincy, Ill. Members: Col. J. N. Macomb, **27**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. F. U. Farquhar, Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1877, pp. 819, 825. (A)

— Mississippi River, bridge at Prairie du Chien, Wis. Members: Col. J. N. Macomb, **28**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. F. U. Farquhar, Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1877, pp. 819, 823. (A)

— Mississippi River, bridge at Hannibal, Mo. Members: Col. J. N. Macomb, **29**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. F. U. Farquhar, Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1877, pp. 819, 826. (A)

— Mississippi River, bridge at Louisiana, Mo. Members: Col. J. N. Macomb, **30**; Col. J. H. Simpson, Maj. G. H. Warren, Maj. F. U. Farquhar, Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1877, p. 821. (A)

— La Crosse Harbor, Wis. Members: Col. J. N. Macomb, **31**; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1875, p. 719. (A)

— Shrewsbury River, N. J. Members: Col. J. N. Macomb, **32**; Col. Z. B. Tower, Lieut. Col. J. Newton. Rept. Chief of Eng., 1879, p. 411. (A)

Boards. Project, plan, estimate, etc., for the improvement of Tennessee River. Members: Col. J. N. Macomb, **33**; Maj. O. M. Poe, Capt. L. C. Overman. Rept. Chief of Eng., 1879, p. 1253. (A)

——— Manasquan River, N. J. Members: Col. J. N. Macomb, **34**; Col. Z. B. Tower, Col. J. Newton, Maj. H. L. Abbot. Rept. Chief of Eng., 1880, p. 548. (A)

——— Delaware River. Members: Col. J. N. Macomb, **35**; Lieut. Col. W. F. Reynolds, Lieut. Col. N. Michler, Capt. W. Ludlow. Rept. Chief of Eng., 1880, p. 575. (A)

——— Lock No. 4, Coosa River, Ga. and Ala. Members: Maj. F. A. Mahan, **1** Maj. W. L. Marshall, Capt. J. Biddle. Rept. Chief of Eng., 1896, p. 1423. (A)

——— Lock No. 5, Cumberland River, Tenn. Members: Maj. F. A. Mahan, **2**; Maj. W. L. Marshall, Capt. J. Biddle. Rept. Chief of Eng., 1896, p. 1916. (A)

——— Galveston Bay ship channel, Tex. Members: Maj. S. M. Mansfield, **1**; Capt. A. N. Darnell, Capt. W. H. Heuer. Rept. Chief of Eng., 1883, p. 1081. (A)

——— Detroit River, harbor lines. Members: Lieut. Col. S. M. Mansfield, **2**; Lieut. Col. G. J. Lydecker, Maj. M. B. Adams, Maj. H. M. Adams, Lieut. J. B. Cavanaugh. Rept. Chief of Eng., 1896, pp. 2906, 2908, 2910. (A)

——— Point Judith, R. I., harbor of refuge. Members: Lieut. Col. S. M. Mansfield, **3**; Maj. C. W. Raymond, Maj. W. R. Livermore, Maj. D. W. Lockwood, Capt. S. S. Leach. Rept. Chief of Eng., 1897, p. 920. (A)

——— Sacramento and Feather rivers, Cal. Members: Col. S. M. Mansfield, **4**; Lieut. Col. W. H. Heuer, Maj. C. E. L. B. Davis. Rept. Chief of Eng., 1900, p. 4232. (A)

——— Yaquina Bay, Oreg. Members: Col. S. M. Mansfield, **5**; Capt. H. Taylor, Capt. W. W. Harts. Rept. Chief of Eng., 1900, p. 4293. (A)

——— San Francisco Harbor, Cal., harbor lines. Members: Col. S. M. Mansfield, **6**; Lieut. Col. W. H. Heuer, Maj. C. E. L. B. Davis. Rept. Chief of Eng., 1901, p. 3491. (A)

——— Bodega Bay, Cal. Members: Maj. G. H. Mendell, **1**; Lieut. Col. R. S. Williamson, Lieut. Col. B. S. Alexander, Lieut. Col. C. S. Stewart. Rept. Chief of Eng., 1877, p. 1051. (A)

——— Coos Bay, Oreg. Members: Col. G. H. Mendell, **2**; Maj. W. A. Jones, Maj. T. H. Handbury. Rept. Chief of Eng., 1889, p. 2510. (A)

——— Yaquina Bay, Oreg. Members: Col. G. H. Mendell, **3**; Maj. W. A. Jones, Maj. T. H. Handbury. Rept. Chief of Eng., 1889, p. 2517. (A)

——— Columbia River, Oreg. Members: Col. G. H. Mendell, **4**; Col. W. P. Craighill, Maj. J. C. Post. Rept. Chief of Eng., 1889, p. 2558. (A)

——— San Francisco Harbor and interior bay. Members: Col. G. H. Mendell, **5**; Lieut.

Col. W. H. H. Benyaud, Maj. W. H. Heuer. Rept. Chief of Eng., 1890, p. 2820; 1891, p. 2478. (A)

Boards. Project, plan, estimate, etc., for the improvement of San Diego Harbor, Cal. Members: Col. G. H. Mendell, **6**; Lieut. Col. W. H. H. Benyaud, Maj. W. H. Heuer. Rept. Chief of Eng., 1890, p. 2905, 1892, p. 2940. (A)

——— Columbia River, Oreg. Members: Col. G. H. Mendell, **7**; Col. W. P. Craighill, Maj. J. C. Post. Rept. Chief of Eng., 1890, p. 3040. (A)

——— San Pedro and Santa Monica bays, Cal. Members: Col. G. H. Mendell, **8**; Lieut. Col. W. H. H. Benyaud, Maj. W. H. Heuer. Rept. Chief of Eng., 1891, p. 2976; 1892, p. 2948. (A)

——— Sacramento and Feather rivers, Cal. Members: Col. G. H. Mendell, **9**; Maj. A. Mackenzie, Capt. D. C. Kingman. Rept. Chief of Eng., 1891, p. 2990. (A)

——— Humboldt Harbor and Bay, Cal. Members: Col. G. H. Mendell, **10**; Lieut. Col. W. H. H. Benyaud, Maj. W. H. Heuer. Rept. Chief of Eng., 1891, p. 3129. (A)

——— Humboldt Harbor and Bay, Cal. Members: Col. G. H. Mendell, **11**; Lieut. Col. W. H. H. Benyaud, Maj. W. H. Heuer. Rept. Chief of Eng., 1891, p. 3141. (A)

——— San Pedro and Santa Monica bays, Cal. Members: Col. G. H. Mendell, **12**; Lieut. Col. G. L. Gillespie, Lieut. Col. W. H. H. Benyaud. Rept. Chief of Eng., 1892, p. 2631. (A)

——— ship canal to connect lakes Union, Washington, and Samanish with Puget Sound Wash. Members: Col. G. H. Mendell, **13**; Maj. T. H. Handbury, Capt. T. W. Symons. Rept. Chief of Eng., 1892, p. 2762. (A)

——— Humboldt Bay, Cal. Members: Col. G. H. Mendell, **14**; Lieut. Col. W. H. H. Benyaud, Maj. W. H. Heuer. Rept. Chief of Eng., 1893, p. 3288. (A)

——— Columbia River, Oreg. and Wash. Members: Col. G. H. Mendell, **15**; Maj. W. H. Heuer, Maj. T. H. Handbury. Rept. Chief of Eng., 1893, p. 3499. (A)

——— harbor lines, Columbia River (Youngs Bay) at Flavel, Oreg. Members: Col. G. H. Mendell, **16**; Maj. T. H. Handbury, Capt. T. W. Symons. Rept. Chief of Eng., 1893, p. 3538. (A)

——— Cascades Lock, Columbia River, Oreg. Members: Col. G. H. Mendell, **17**; Col. W. P. Craighill, Capt. W. L. Marshall. Rept. Chief of Eng., 1895, p. 3576. (A)

——— Norfolk Harbor, Va. Member: Capt. J. Mercier. Rept. Chief of Eng., 1888, p. 1026. (A)

——— Genesee River, bridge at Charlotte, N. Y. Members: Maj. W. E. Merrill, **1**; Maj. J. M. Wilson, Maj. F. Harwood. Rept. Chief of Eng., 1874, p. 583. (A)

——— Mississippi River. Members: Lieut. Col. W. E. Merrill, **2**; Maj. A. Mackenzie, Maj. A. M. Miller, Lieut. W. E. Craighill. Rept. Chief of Eng., 1888, p. 1466. (A)

- Boards.** Project, plan, estimate, etc., for the improvement of Cumberland River. Members: Lieut. Col. W. E. Merrill, 3; Lieut. Col. J. W. Barlow, Maj. A. Mackenzie, Lieut. H. E. Waterman. Rept. Chief of Eng., 1888, p. 1628. (A)
- Ohio River. Members: Lieut. Col. W. E. Merrill, 4; Maj. A. Stickney, Maj. A. Mackenzie. Rept. Chief of Eng., 1888, p. 1869; 1890, p. 2217. (A)
- bridge, Ohio River. Members: Lieut. Col. W. E. Merrill, 5; Lieut. Col. J. W. Barlow, Maj. A. Stickney, Lieut. E. J. Spencer. Rept. Chief of Eng., 1888, pp. 2499, 2505. (A)
- bridge, Mississippi River. Members: Lieut. Col. W. E. Merrill, 6; Maj. O. H. Ernst, Capt. D. C. Kingman, Lieut. C. E. Gillette. Rept. Chief of Eng., 1888, pp. 2517, 2521, 2522. (A)
- Norwalk, Conn., harbor lines. Members: Maj. A. M. Miller, 1; Maj. D. W. Lockwood, Maj. S. S. Leach. Rept. Chief of Eng., 1899, p. 1205. (A)
- Newport Harbor, R. I., harbor lines. Members: Lieut. Col. A. M. Miller, 2; Maj. D. W. Lockwood, Maj. S. S. Leach. Rept. Chief of Eng., 1902, p. 915. (A)
- Ogdensburg Harbor, N. Y. Members: Lieut. Col. J. Newton, 1; Lieut. Col. C. E. Blunt, Maj. D. C. Houston, Capt. A. S. Holgate. Rept. Chief of Eng., 1868, p. 255. (A)
- Alton Harbor, Ill. Members: Lieut. Col. J. Newton, 2; Lieut. Col. W. F. Reynolds, Maj. G. K. Warren, Maj. W. E. Merrill, Capt. C. J. Allen. Rept. Chief of Eng., 1872, pp. 54, 358, 361, 366. (A)
- St. Louis Harbor, Mississippi River. Members: Lieut. Col. J. Newton, 3; Lieut. Col. W. F. Reynolds, Maj. G. K. Warren, Maj. W. E. Merrill, Capt. C. J. Allen. Rept. Chief of Eng., 1872, p. 358. (A)
- Mississippi River, Falls of St. Anthony to Cairo. Members: Lieut. Col. J. Newton, 4; Lieut. Col. W. F. Reynolds, Maj. G. K. Warren, Maj. W. E. Merrill, Capt. C. J. Allen. Rept. Chief of Eng., 1872, p. 358; 1873, p. 453; 1874, p. 327. (A)
- Thames River, Conn., bridge near New London. Members: Col. J. Newton, 5; Lieut. Col. G. H. Elliot, Maj. W. McFarland. Rept. Chief of Eng., 1884, p. 1770. (A)
- Fox and Wisconsin rivers. Members: Col. J. Newton, 6; Lieut. Col. H. L. Abbot, Lieut. Col. C. B. Comstock. Rept. Chief of Eng., 1884, pp. 1909, 1919. (A)
- Chicago Harbor, Ill. Members: Lieut. Col. J. G. Parke, Lieut. Col. C. B. Comstock, Maj. G. Weitzel. Rept. Chief of Eng., 1882, p. 2237. (A)
- Toledo Harbor, Ohio. Members: Maj. O. M. Poe, 1; Maj. D. C. Houston, Maj. W. E. Merrill, Maj. J. M. Wilson, Capt. G. L. Gillespie. Rept. Chief of Eng., 1873, p. 314. (A)
- St. Louis River, Minn. and Wis., bridge of Northern Pacific Railroad Company. Members: Lieut. Col. O. M. Poe, 2; Maj. A. Mackenzie, Maj. C. J. Allen. Rept. Chief of Eng., 1885, p. 1928. (A)
- Boards.** Project, plan, estimate, etc., for the improvement of Fox and Wisconsin rivers. Members: Lieut. Col. O. M. Poe, 3; Lieut. Col. W. E. Merrill, Lieut. Col. J. W. Barlow, Capt. W. L. Marshall. Rept. Chief of Eng., 1885, p. 2041. (A)
- Ludington Harbor, Mich. Members: Lieut. Col. O. M. Poe, 4; Lieut. Col. J. W. Barlow, Capt. D. W. Lockwood. Rept. Chief of Eng., 1885, p. 2073. (A)
- Mississippi River, Falls at St. Anthony. Members: Lieut. Col. O. M. Poe, 5; Maj. A. Mackenzie, Maj. C. J. Allen. Rept. Chief of Eng., 1885, p. 2111. (A)
- Mississippi River, bridge at Minneapolis, Minn. Members: Lieut. Col. O. M. Poe, 6; Maj. A. Mackenzie, Maj. C. J. Allen. Rept. Chief of Eng., 1886, p. 2113. (A)
- Kentucky River, Ky. Members: Lieut. Col. O. M. Poe, 7; Lieut. Col. W. E. Merrill, Maj. A. Stickney. Rept. Chief of Eng., 1887, p. 1870. (A)
- Cumberland River. Members: Lieut. Col. O. M. Poe, 8; Lieut. Col. W. E. Merrill, Maj. W. R. King, Lieut. H. E. Waterman. Rept. Chief of Eng., 1888, p. 1622. (A)
- bridge, Ohio River. Members: Lieut. Col. O. M. Poe, 9; Maj. A. Stickney, Maj. A. Mackenzie. Rept. Chief of Eng., 1888, p. 2483. (A)
- Mississippi River. Members: Col. O. M. Poe, 10; Maj. A. Mackenzie, Capt. W. L. Marshall. Rept. Chief of Eng., 1889, p. 1751. (A)
- Cumberland River. Members: Col. O. M. Poe, 11; Lieut. Col. W. E. Merrill, Lieut. Col. J. W. Barlow. Rept. Chief of Eng., 1890, p. 2144. (A)
- bridge, Detroit River. Members: Col. O. M. Poe, 12-13; Maj. C. J. Allen, Maj. A. M. Adams. Rept. Chief of Eng., 1890, pp. 3456, 3463. (A)
- Portage Lake, Mich. Members: Col. O. M. Poe, 14; Maj. J. B. Quinn, Capt. W. L. Marshall. Rept. Chief of Eng., 1891, p. 2521. (A)
- Chicago Harbor, Ill. Members: Col. O. M. Poe, 15; Maj. C. E. L. B. Davis, Capt. W. L. Marshall. Rept. Chief of Eng., 1891, p. 2661. (A)
- Illinois and Mississippi Canal, Ill. Members: Col. O. M. Poe, 16; Maj. A. Mackenzie, Capt. W. L. Marshall. Rept. Chief of Eng., 1892, p. 2302. (A)
- harbor lines at Detroit, Mich. Members: Col. O. M. Poe, 17; Maj. W. Ludlow, Lieut. C. S. Riché. Rept. Chief of Eng., 1893, p. 3041. (A)
- raft towing on the Great Lakes and their connecting waters. Members: Col. O. M. Poe, 18; Maj. C. E. L. B. Davis, Maj. C. B. Sears. Rept. Chief of Eng., 1894, p. 2375. (A)

Boards. Project, plan, estimate, etc., for the improvement of Pensacola Harbor, Fla. Members: Capt. P. M. Price, Capt. W. M. Black, Capt. O. M. Carter. Rept. Chief of Eng., 1801, p. 1723. (A)

— Sabine Lake, Tex. and La. Members: Maj. J. B. Quinn, Capt. C. S. Riché, Capt. C. A. F. Flagler. Rept. Chief of Eng., 1900, p. 2302. (A)

— Fort Mifflin on the Delaware River; price of land in vicinity of. Members: Maj. C. W. Raymond. Rept. Chief of Eng., 1804, p. 461. (A)

— Black Lake Harbor, Mich. Members: Lieut. Col. W. F. Reynolds, 1; Maj. J. B. Wheeler, Maj. W. McFarland, Maj. F. U. Farquhar. Rept. Chief of Eng., 1869, pp. 104, 105. (A)

— Lakes Huron and Erie, bridge at Detroit over channel between. Members: Lieut. Col. W. F. Reynolds, 2; Lieut. Col. N. Michler, Maj. O. M. Poe, Maj. D. C. Houston, Maj. J. M. Wilson. Rept. Chief of Eng., 1880, p. 1853. (A)

— Saginaw River, Mich. Members: Maj. H. M. Robert, 1; Maj. F. U. Farquhar, Maj. D. P. Heap. Rept. Chief of Eng., 1883, p. 1863. (A)

— Philadelphia Harbor, Pa. Member: Lieut. Col. H. M. Robert, 2. Rept. Chief of Eng., 1888, pp. 718, 720. (A)

— Galveston Harbor, Tex. Members: Lieut. Col. H. M. Robert, 3; Lieut. Col. G. L. Gillespie, Lieut. Col. J. A. Smith. Rept. Chief of Eng., 1800, p. 1781. (A)

— Pensacola Harbor, Fla. Members: Lieut. Col. H. M. Robert, 4; Lieut. Col. G. L. Gillespie, Maj. C. W. Raymond, Maj. F. A. Mahan, Capt. W. M. Black. Rept. Chief of Eng., 1895, p. 1657. (A)

— harbor lines, Raritan River, N. J. Members: Col. H. M. Robert, 5; Col. G. L. Gillespie, Maj. C. W. Raymond. Rept. Chief of Eng., 1896, p. 820. (A)

— harbor lines in Harlem River, New York City. Members: Col. H. M. Robert, 6; Col. G. L. Gillespie, Maj. C. W. Raymond. Rept. Chief of Eng., 1896, p. 871. (A)

— Appoquinimink River and Blackbird Creek, Del. Members: Col. H. M. Robert, 7; Col. P. C. Hains, Maj. C. W. Raymond. Rept. Chief of Eng., 1800, p. 887. (A)

— Pensacola Harbor, Fla. Members: Col. H. M. Robert, 8; Col. G. L. Gillespie, Maj. C. W. Raymond, Maj. F. A. Mahan, Capt. W. M. Black, Capt. O. M. Carter. Rept. Chief of Eng., 1896, p. 1391. (A)

— Hudson River harbor lines. Members: Col. H. M. Robert, 9; Col. G. L. Gillespie, Maj. C. W. Raymond, Maj. H. M. Adams. Rept. Chief of Eng., 1897, pp. 1068, 1072. (A)

— Harlem River and Spuyten Duyvil Creek, New York City. Members: Col. H. M. Robert, 10; Col. G. L. Gillespie, Maj. C. W. Raymond, Maj. H. M. Adams. Rept. Chief of Eng., 1897, p. 1078. (A)

Boards. Project, plan, estimate, etc., for improvement of Delaware River. Members: Col. H. M. Robert, 11; Col. P. C. Hains, Maj. C. W. Raymond. Rept. Chief of Eng., 1807, p. 1109. (A)

— Brazos River, Tex. Member: Col. H. M. Robert, 12. Rept. Chief of Eng., 1807, p. 1815. (A)

— Osage River, Mo., lock and dam No. 1. Members: Col. H. M. Robert, 13; Col. G. L. Gillespie, Maj. H. M. Adams, Maj. J. G. D. Knight, Capt. H. F. Hodges. Rept. Chief of Eng., 1897, p. 3982. (A)

— Galveston Bay, Tex. Members: Col. H. M. Robert, 14; Maj. A. M. Miller, Capt. G. McC. Derby. Rept. Chief of Eng., 1808, p. 1807. (A)

— Aransas Pass, Tex. Members: Col. H. M. Robert, 15; Maj. W. T. Rossell, Capt. J. Biddle. Rept. Chief of Eng., 1808, p. 1527. (A)

— East River, N. Y. Members: Col. H. M. Robert, 16; Col. G. L. Gillespie, Lieut. Col. W. Ludlow, Maj. H. M. Adams. Rept. Chief of Eng., 1808, p. 1020. (A)

— East River. Members: Col. H. M. Robert, 17; Col. G. L. Gillespie, Lieut. Col. W. Ludlow, Maj. C. W. Raymond, Maj. H. M. Adams. Rept. Chief of Eng., 1808, p. 1028. (A)

— Hudson River, N. Y. Members: Col. H. M. Robert, 18; Col. G. L. Gillespie, Lieut. Col. W. Ludlow, Maj. C. W. Raymond, Maj. H. M. Adams. Rept. Chief of Eng., 1808, p. 1073. (A)

— Bridgeport, Conn., harbor lines. Members: Col. H. M. Robert, 19; Maj. A. M. Miller, Maj. D. W. Lockwood. Rept. Chief of Eng., 1894, p. 1108. (A)

— New York Harbor, N. Y. Members: Col. H. M. Robert, 20; Lieut. Col. C. W. Raymond, Maj. H. M. Adams. Rept. Chief of Eng., 1894, p. 1280. (A)

— South Pass, Mississippi River. Members: Col. H. M. Robert, 21; Maj. J. B. Quinn, Maj. D. C. Kingman. Rept. Chief of Eng., 1809, p. 1864. (A)

— Aransas Pass and Harbor, Tex. Members: Col. H. M. Robert, 22; Maj. W. T. Rossell. Rept. Chief of Eng., 1899, p. 1973. (A)

— Brazos River (mouth), Tex. Member: Col. H. M. Robert, 23. Rept. Chief of Eng., 1809, p. 1070. (A)

— harbor lines, East River, N. Y. Members: Col. H. M. Robert, 24; Col. G. L. Gillespie, Maj. W. L. Marshall. Rept. Chief of Eng., 1900, p. 1455. (A)

— harbor lines, New York Harbor, N. Y. Members: Col. H. M. Robert, 25; Col. G. L. Gillespie, Maj. W. L. Marshall. Rept. Chief of Eng., 1900, p. 1478. (A)

— Southwest Pass, Miss. Members: Col. H. M. Robert, 26; Maj. G. McC. Derby. Rept. Chief of Eng., 1900, p. 2287. (A)

— damage done to the fortifications at Galveston, Tex., by hurricane of Sept. 8, 1900. Members: Col. H. M. Robert, 27; Maj. H. M. Adams, Capt. C. S. Riché, Capt. E. J. Jadin. Rept. Chief of Eng., 1901, p. 850. (A)

Boards. Project, plan, estimate, etc., for the improvement of Hudson River, N. Y., harbor lines. Members: Col. H. M. Robert, 28, Col. J. W. Barlow, Col. G. L. Gillespie, Maj. E. H. Ruffner, Maj. W. L. Marshall. Rept. Chief of Eng., 1901, p. 1271. (A)

— Newark Bay, harbor lines. Members: Col. H. M. Robert, 29; Col. J. W. Barlow, Maj. W. L. Marshall. Rept. Chief of Eng., 1901, p. 1277. (A)

— Arthur Kill, N. J., harbor lines. Members: Col. H. M. Robert, 30, Col. J. W. Barlow, Col. G. L. Gillespie, Maj. W. L. Marshall. Rept. Chief of Eng., 1901, p. 1280. (A)

— Shrewsbury River, N. J., harbor lines. Members: Col. H. M. Robert, 31; Col. J. W. Barlow, Col. G. L. Gillespie, Maj. E. H. Ruffner, Maj. W. L. Marshall. Rept. Chief of Eng., 1901, p. 1283. (A)

— jetties and main ship channel, etc., at Galveston, Tex., effects of storm of Sept. 8, 1900. Members: Col. H. M. Robert, 32; Maj. H. M. Adams, Capt. C. S. Riché, Capt. E. Jadwin. Rept. Chief of Eng., 1901, pp. 2018, 2023. (A)

— Ellis Island, N. Y., harbor lines. Members: Col. H. M. Robert, 33; Col. J. W. Barlow, Col. G. L. Gillespie, Lieut. Col. E. H. Ruffner, Maj. W. L. Marshall. Rept. Chief of Eng., 1902, p. 990. (A)

— Biscayne Bay, Fla. Members: Maj. W. T. Russell, Capt. C. R. Gillette, Capt. C. H. McKinstry. Rept. Chief of Eng., 1900, p. 1986. (A)

— harbor of refuge, Cape Lookout, N. C. Members: Maj. E. H. Ruffner, Maj. T. L. Casey, Capt. E. W. V. C. Lucas. Rept. Chief of Eng., 1900, p. 1820. (A)

— Savannah Harbor and channel from Beaufort, S. C., to Savannah, Ga. Members: Maj. C. B. Sears, Maj. W. H. Bixby, Maj. T. W. Symons. Rept. Chief of Eng., 1900, p. 1922. (A)

— Mobile Harbor, Ala. Members: Col. J. H. Simpson, 1; Lieut. Col. Z. B. Tower, Lieut. Col. H. G. Wright. Rept. Chief of Eng., 1872, p. 501; 1874, p. 803. (A)

— Missouri River, bridge at Nebraska City, Nebr. Members: Col. J. H. Simpson, 2; Maj. G. Weitzel, Maj. C. R. Suter. Rept. Chief of Eng., 1873, p. 587. (A)

— Appomattox River, Va. Members: Col. J. H. Simpson, 3; Lieut. Col. J. Newton, Maj. W. P. Craighill. Rept. Chief of Eng., 1874, pp. 50, 53. (A)

— Mississippi River, bridge at St. Louis, Mo. Members: Col. J. H. Simpson, 4; Maj. G. K. Warren, Maj. G. Weitzel, Maj. W. E. Merrill, Maj. C. R. Suter. Rept. Chief of Eng., 1874, p. 638. (A)

— Mississippi River, bridge between St. Clair and Carondelet, Mo. Members: Col. J. H. Simpson, 5; Maj. W. E. Merrill, Maj. C. R. Suter. Rept. Chief of Eng., 1875, p. 678. (A)

— Ohio River, bridge at Cincinnati, Ohio. Members: Col. J. H. Simpson, 6; Maj. W. E. Merrill, Maj. C. R. Suter. Rept. Chief of Eng., 1876, p. 300. (A)

Boards. Project, plan, estimate, etc., for the improvement of Mississippi River, Cairo to mouth. Members: Col. J. H. Simpson, 7; Maj. C. R. Suter, Capt. W. H. H. Benyaard. Rept. Chief of Eng., 1878, p. 638. (A)

— Mississippi River, Vicksburg, Miss. Members: Col. J. H. Simpson, 8; Maj. C. R. Suter, Capt. W. H. H. Benyaard. Rept. Chief of Eng., 1878, p. 638. (A)

— Missouri River, bridge at Glasgow, Mo. Members: Col. J. H. Simpson, 9; Maj. C. R. Suter, Capt. C. J. Allen. Rept. Chief of Eng., 1878, p. 597. (A)

— Lake Erie harbors, breakwaters. Members: Col. J. A. Smith, 1; Maj. C. B. Sears, Maj. T. W. Symons. Rept. Chief of Eng., 1900, p. 4085. (A)

— Sacramento and Feather rivers, Cal. Members: Col. J. A. Smith, 2; Lieut. Col. W. H. Heuer, Maj. C. E. L. B. Davis. Rept. Chief of Eng., 1901, p. 3423. (A)

— Brunswick Harbor, Ga. Members: Maj. W. S. Stanton, 1; Capt. F. V. Abbot. Rept. Chief of Eng., 1895, pp. 1501, 1503. (A)

— Brunswick outer bar, Ga. Members: Maj. W. S. Stanton, 2; Capt. F. V. Abbot. Rept. Chief of Eng., 1896, p. 1278. (A)

— Oakland Harbor, Cal. Members: Lieut. Col. C. S. Stewart, 1; Lieut. Col. B. S. Alexander, Maj. G. H. Mendell. Rept. Chief of Eng., 1874, p. 378. (A)

— Columbia River, Oreg. Members: Lieut. Col. C. S. Stewart, 2; Lieut. Col. G. H. Mendell, Maj. G. L. Gillespie. Rept. Chief of Eng., 1880, p. 2305. (A)

— Columbia River, Oreg. Members: Lieut. Col. C. S. Stewart, 3; Lieut. Col. R. S. Williamson, Lieut. Col. G. H. Mendell, Maj. G. Weitzel, Maj. D. C. Houston, Maj. G. L. Gillespie. Rept. Chief of Eng., 1881, p. 2572. (A)

— harbor of refuge on the Pacific coast. Members: Lieut. Col. C. S. Stewart, 4; Lieut. Col. R. S. Williamson, Lieut. Col. G. H. Mendell, Maj. G. L. Gillespie. Rept. Chief of Eng., 1881, pp. 2621, 2681. (A)

— Humboldt Harbor Bay, Cal. Members: Col. C. S. Stewart, 5; Lieut. Col. G. H. Mendell, Lieut. Col. W. P. Craighill, Lieut. Col. C. B. Comstock, Capt. C. F. Powell. Rept. Chief of Eng., 1883, p. 1992. (A)

— Columbia River, Oreg. Members: Lieut. Col. C. S. Stewart, 6; Lieut. Col. W. P. Craighill, Lieut. Col. C. B. Comstock, Lieut. Col. G. H. Mendell, Capt. C. F. Powell. Rept. Chief of Eng., 1883, p. 2012. (A)

— Sandy Lake dam, Minn. Members: Maj. A. Stickney, 1; Maj. A. Mackenzie, Capt. W. L. Marshall. Rept. Chief of Eng., 1893, p. 2269. (A)

— harbor lines, Ohio River, from upper end of Martins Ferry to the lower end of the city of Bellaire, Ohio. Members: Lieut. Col. A. Stickney, 2; Maj. D. W. Lockwood, Lieut. H. E. Waterman. Rept. Chief of Eng., 1894, p. 1896. (A)

Boards. Project, plan, estimate, etc., for the improvement of harbor lines at Pittsburg, Pa. Members: Lieut. Col. A. Stickney, 3; Maj. D. W. Lockwood, Lieut. H. E. Waterman. Rept. Chief of Eng., 1805, p. 242. (A)

— harbor lines, Ohio and Licking rivers. Members: Lieut. Col. A. Stickney, 1; Maj. D. W. Lockwood, Capt. H. E. Waterman. Rept. Chief of Eng., 1806, p. 128. (A)

— movable dam for Big Sandy River, near Louisa, Ky. Members: Lieut. Col. A. Stickney, 5; Maj. J. F. Gregory, Capt. H. M. Chittenden, Lieut. W. H. Harts. Rept. Chief of Eng., 1806, pp. 2302, 2306. (A)

— canal connecting the waters of Lake Erie with the Ohio River through the State of Ohio. Members: Lieut. Col. A. Stickney, 6; Maj. W. S. Stanton, Maj. W. L. Marshall. Rept. Chief of Eng., 1806, p. 2976. (A)

— Yaquina Bay, Oreg. Members: Lieut. Col. A. Stickney, 7; Maj. J. C. Post, Maj. C. B. Sears. Rept. Chief of Eng., 1806, p. 3284. (A)

— Ohio River. Members: Lieut. Col. A. Stickney, 8; Maj. W. H. Bixby, Capt. G. A. Zinn. Rept. Chief of Eng., 1809, p. 2562. (A)

— Arkansas River. Members: Lieut. Col. A. Stickney, 9; Capt. C. L. Potter, Capt. R. McGregor. Rept. Chief of Eng., 1809, p. 2130. (A)

— Indiana chute channel, Ohio River, Ky. Members: Col. A. Stickney, 10; Lieut. Col. T. H. Handbury, Capt. W. L. Sibert. Rept. Chief of Eng., 1802, p. 1070. (A)

— Mississippi River. Members: Maj. C. R. Suter, 1; Maj. W. H. H. Benyard, Maj. A. Stickney, Capt. O. H. Ernst. Rept. Chief of Eng., 1882, pp. 1359, 1366. (A)

— bridges across certain river. Members: Lieut. Col. C. R. Suter, 2; Maj. A. MacKenzie, Maj. A. M. Miller, Maj. T. H. Handbury. Rept. Chief of Eng., 1888, pp. 2374-2383. (A)

— overcoming or removing obstructions to navigation on Columbia River between Three Mile Rapids and Celilo Falls, Oreg. and Wash. Members: Lieut. Col. C. R. Suter, 3; Lieut. Col. W. R. King, Maj. C. J. Allen, Civil Eng. W. R. Hutton, Civil Eng. V. G. Bogue. Rept. Chief of Eng., 1894, p. 2664. (A)

— Sacramento and Feather rivers, Cal. Members: Col. C. R. Suter, 4; Maj. W. H. Heuer, Maj. C. E. L. B. Davis. Rept. Chief of Eng., 1898, pp. 2944, 2945. (A)

— Sacramento and Feather rivers, Cal. Members: Col. C. R. Suter, 5; Maj. W. H. Heuer, Maj. C. E. L. B. Davis. Rept. Chief of Eng., 1899, p. 3171. (A)

— San Francisco Bay, Cal. Members: Col. C. R. Suter, 6; Maj. W. H. Heuer, Maj. C. E. L. B. Davis. Rept. Chief of Eng., 1899, p. 3194. (A)

— Harbor of Refuge, Sandy Bay, Mass. Members: Col. C. R. Suter, 7; Maj. D. W. Lockwood, Maj. S. S. Leach. Rept. Chief of Eng., 1900, p. 1154. (A)

Boards. Project, plan, estimate, etc. for the improvement of New York Harbor. N. Y., harbor lines. Members: Col. C. R. Suter, 8; Col. S. M. Mansfield, Maj. W. L. Marshall. Rept. Chief of Eng., 1901, p. 1266. (A)

— Hudson River harbor lines. Members: Col. C. R. Suter, 9; Col. S. M. Mansfield, Maj. W. L. Marshall. Rept. Chief of Eng., 1901, p. 1275. (A)

— New York Harbor, N. Y., harbor lines. Members: Col. C. R. Suter, 10; Col. S. M. Mansfield, Maj. W. L. Marshall. Rept. Chief of Eng., 1901, p. 1306. (A)

— East River at Steinway, New York City, harbor lines. Members: Col. C. R. Suter, 11; Col. S. M. Mansfield, Maj. W. L. Marshall. Rept. Chief of Eng., 1902, p. 965. (A)

— Buttermilk channel, N. Y., harbor lines. Members: Col. C. R. Suter, 12; Col. S. M. Mansfield, Maj. W. L. Marshall. Rept. Chief of Eng., 1902, p. 985. (A)

— Shooters Island, N. Y., harbor lines. Members: Col. C. R. Suter, 13; Col. S. M. Mansfield, Maj. W. L. Marshall. Rept. Chief of Eng., 1902, p. 987. (A)

— Hudson River, N. Y. Members: Colonel Totten, 1; Lieutenant Colonel Thayer, Captain Talcott. Rept. Chief of Eng., 1806, p. 206. (A)

— East River, N. Y. Members: Colonel Totten, 2; Superintendent Bache, U. S. Coast Survey, Commodore Davis, U. S. Navy. Rept. Chief of Eng., 1808, p. 733. (A)

— Boston Harbor, Mass. Members: General Totten, 3; Professor Bache, Commodore Davis. Rept. Chief of Eng., 1871, p. 885. (A)

— Members: Lieut. Col. Z. B. Tower, 1; Lieut. Col. H. G. Wright, Lieut. Col. J. G. Foster, Maj. Q. A. Gillmore, Maj. W. P. Craig-hill. Rept. Chief of Eng., 1873, pp. 797, 799. (A)

— Staten Island and New Jersey, channel between. Members: Col. Z. B. Tower, 2; Lieut. Col. H. G. Wright, Lieut. Col. J. D. Kurtz, Lieut. Col. J. Newton. Rept. Chief of Eng., 1876, p. 252. (A)

— Savannah River and Harbor, Ga. Members: Col. Z. B. Tower, 3; Lieut. Col. H. G. Wright, Lieut. Col. J. Newton, Lieut. Col. Q. A. Gillmore. Rept. Chief of Eng., 1876, p. 437. (A)

— Ohio River. Members: Col. Z. B. Tower, 4; Lieut. Col. H. G. Wright, Maj. G. Weitzel, Maj. W. E. Merrill, Lieut. F. A. Mahan. Rept. Chief of Eng., 1877, p. 644. (A)

— Galveston Bay ship channel, Tex. Members: Col. Z. B. Tower, 5; Lieut. Col. H. G. Wright, Lieut. Col. J. Newton, Capt. C. W. Howell. Rept. Chief of Eng., 1877, p. 468; 1878, p. 608. (A)

— Charleston Harbor, S. C. Members: Col. Z. B. Tower, 6; Lieut. Col. H. G. Wright, Lieut. Col. J. Newton, Lieut. Col. Q. A. Gillmore. Rept. Chief of Eng., 1878, p. 571. (A)

— Cincinnati, Ohio, harbor of refuge. Members: Col. Z. B. Tower, 7; Maj. W. E. Merrill, Maj. C. R. Suter. Rept. Chief of Eng., 1879, p. 1356. (A)

- Boards.** Project, plan, estimate, etc., for the improvement of New Haven, Conn. Members: Col. Z. B. Tower, 8; Col. J. Newton, Maj. H. L. Abbot. Rept. Chief of Eng., 1880, p. 459. (A)
- Hudson River, N. Y. Members: Col. Z. B. Tower, 9; Maj. H. L. Abbot. Rept. Chief of Eng., 1880, p. 480; 1885, p. 698. (A)
- Scituate Harbor, Mass. Members: Col. Z. B. Tower, 10; Col. J. Newton. Rept. Chief of Eng., 1880, p. 524. (A)
- Savannah River, Ga. Members: Col. Z. B. Tower, 11; Col. J. Newton, Lieut. Col. Q. A. Gillmore. Rept. Chief of Eng., 1880, p. 546. (A)
- Mobile Harbor, Ala. Members: Col. Z. B. Tower, 12; Col. J. Newton, Maj. H. L. Abbot. Rept. Chief of Eng., 1880, p. 1060. (A)
- Galveston Harbor, Tex. Members: Col. Z. B. Tower, 13; Col. J. Newton, Lieut. Col. Q. A. Gillmore. Rept. Chief of Eng., 1880, pp. 1221, 1266. (A)
- Aransas Pass and Bay, Tex. Members: Col. Z. B. Tower, 14; Col. J. Newton, Lieut. Col. Q. A. Gillmore. Rept. Chief of Eng., 1880, p. 1254. (A)
- Matagorda Bay, Tex. Members: Col. Z. B. Tower, 15; Col. J. Newton, Lieut. Col. Q. A. Gillmore. Rept. Chief of Eng., 1880, p. 1256. (A)
- Mississippi River. Members: Col. Z. B. Tower, 16; Col. J. Newton, Maj. H. L. Abbot. Rept. Chief of Eng., 1880, p. 1284. (A)
- Red River, La. Members: Col. Z. B. Tower, 17; Col. J. Newton, Maj. H. L. Abbot. Rept. Chief of Eng., 1880, p. 1284. (A)
- Fox and Wisconsin rivers. Members: Col. Z. B. Tower, 18; Col. J. Newton, Maj. H. L. Abbot, Maj. D. C. Houston. Rept. Chief of Eng., 1880, p. 1053. (A)
- Rockland Harbor, Vt. Members: Col. Z. B. Tower, 19; Col. J. Newton. Rept. Chief of Eng., 1881, p. 468. (A)
- Newburyport Harbor, Mass. Members: Col. Z. B. Tower, 20; Col. J. Newton, Lieut. Col. H. L. Abbot. Rept. Chief of Eng., 1881, p. 505. (A)
- Nantucket Harbor, Mass. Members: Col. Z. B. Tower, 21; Col. J. Newton. Rept. Chief of Eng., 1881, p. 542. (A)
- Stonington Harbor, Conn. Members: Col. Z. B. Tower, 22; Col. J. Newton. Rept. Chief of Eng., 1881, p. 583. (A)
- New York Harbor. Members: Col. Z. B. Tower, 23; Col. J. Newton, Lieut. Col. H. L. Abbot. Rept. Chief of Eng., 1881, p. 675. (A)
- Pensacola Harbor, Ga. Members: Col. Z. B. Tower, 24; Col. J. Newton, Lieut. Col. H. L. Abbot. Rept. Chief of Eng., 1881, p. 1177. (A)
- St. Louis, Mo. Members: Col. Z. B. Tower, 25; Col. J. Newton, Lieut. Col. H. L. Abbot. Rept. Chief of Eng., 1881, p. 1575. (A)
- Ohio River. Members: Col. Z. B. Tower, 26; Col. J. Newton, Lieut. Col. H. L. Abbot, Maj. W. E. Merrill. Rept. Chief of Eng., 1881, pp. 1928, 1936. (A)
- Boards.** Project, plan, estimate, etc., for the improvement of Chicago Harbor, Ill. Members: Col. Z. B. Tower, 27; Col. J. Newton, Lieut. Col. H. L. Abbot. Rept. Chief of Eng., 1881, p. 2162. (A)
- Columbia River, Oreg. Members: Col. Z. B. Tower, 28; Col. J. Newton, Lieut. Col. H. L. Abbot. Rept. Chief of Eng., 1881, pp. 2548, 2552. (A)
- Thames River, Conn. Member: Col. Z. B. Tower, 29. Rept. Chief of Eng., 1882, p. 606. (A)
- Beaufort Harbor, N. C. Members: Col. Z. B. Tower, 30; Col. J. Newton, Lieut. Col. H. L. Abbot. Rept. Chief of Eng., 1882, p. 1096. (A)
- Sabine Pass, Tex. Members: Col. Z. B. Tower, 31; Col. J. Newton, Lieut. Col. H. L. Abbot. Rept. Chief of Eng., 1882, p. 1438. (A)
- Ohio River, bridge at Louisville, Ky. Members: Maj. G. K. Warren, 1; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1871, pp. 119, 454. (A)
- Niagara River, bridge at Buffalo, N. Y. Members: Maj. G. K. Warren, 2; Maj. W. E. Merrill, Maj. F. Harwood. Rept. Chief of Eng., 1871, p. 219. (A)
- Ohio River. Members: Maj. G. K. Warren, 3; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1871, p. 396. (A)
- Ohio River, bridge at Steubenville, Ohio. Members: Maj. G. K. Warren, 4; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1871, p. 403. (A)
- Ohio River, bridge at Wheeling, W. Va., and Bridgeport, Ohio. Members: Maj. G. K. Warren, 5; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1871, pp. 405, 408. (A)
- Ohio River, bridge at Bellaire, Ohio. Members: Maj. G. K. Warren, 6; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1871, pp. 408, 425. (A)
- Ohio River, bridge at Parkersburg, W. Va. Members: Maj. G. K. Warren, 7; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1871, pp. 411, 454. (A)
- Ohio River, bridge at Covington, Ky. Member: Maj. G. K. Warren, 8; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1871, pp. 414, 454. (A)
- Ohio River, bridge at Paducah, Ky. Members: Maj. G. K. Warren, 9; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1871, pp. 424, 454. (A)
- Ohio River, bridge at Newport, Ky. Members: Maj. G. K. Warren, 10; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1871, p. 426. (A)
- channel between Lakes Huron and Erie, bridge at Detroit, Mich. Members: Maj. G. K. Warren, 11; Maj. C. B. Comstock, Maj. G. Weitzel, Maj. W. E. Merrill, Capt. W. R. Livermore. Rept. Chief of Eng., 1874, p. 587. (A)

Boards. Project, plan, estimate, etc., for the improvement of Mississippi River, Cairo to mouth. Members Maj. G. K. Warren, 12 Maj. H. L. Abbot, Capt. W. H. H. Benyaund, Messrs. Sickles and Hébert. Rept. Chief of Eng., 1875, pp. 539, 664. (A)

— Mississippi River levees. Members: Maj. G. K. Warren, 13; Maj. H. L. Abbot, Capt. W. H. H. Benyaund, Messrs. Sickles and Hébert. Rept. Chief of Eng., 1875, pp. 539, 678. (A)

— Providence River Harbor, Bulkhead rock, and Narragansett Bay, R. I. Member: Maj. G. K. Warren, 11. Rept. Chief of Eng., 1878, p. 234. (A)

— Ohio River, Evansville, Ind. Members: Maj. G. K. Warren, 15; Maj. G. Weitzel, Maj. W. E. Merrill. Rept. Chief of Eng., 1878, p. 110; 1879, p. 149. (A)

— Ohio River. Members: Maj. G. Weitzel, 1; Maj. W. E. Merrill. Rept. Chief of Eng., 1873, p. 540; 1874, pp. 415, 481. (A)

— transportation routes to the seaboard. Members: Maj. G. Weitzel, 2; Maj. W. E. Merrill. Rept. Chief of Eng., 1874, p. 415. (A)

— Michigan City Harbor, Ind. Members: Maj. G. Weitzel, 3; Maj. D. C. Honston, Maj. G. L. Gillespie. Rept. Chief of Eng., 1875, p. 238. (A)

— Wabash River. Members: Maj. G. Weitzel, 4; Maj. W. E. Merrill, Maj. J. A. Smith. Rept. Chief of Eng., 1877, p. 660; 1879, p. 1441. (A)

— Mississippi River, Cairo to mouth. Members: Maj. G. Weitzel, 5; Capt. C. W. Howell, Capt. W. H. H. Benyaund, Messrs. Harrod, D'Hemecourt and Wood. Rept. Chief of Eng., 1878, p. 614; 1879, p. 875. (A)

— New Orleans, La. Members: Maj. G. Weitzel, 6; Capt. C. W. Howell, Capt. W. H. H. Benyaund, Messrs. Harrod, D'Hemecourt and Wood. Rept. Chief of Eng., 1878, p. 614; 1879, p. 875. (A)

— Mendocino Bay, Cal. Members: Lieut. Col. R. S. Williamson, 1; Lieut. Col. B. S. Alexander, Lieut. Col. C. S. Stewart, Maj. G. H. Mendell. Rept. Chief of Eng., 1877, p. 1052. (A)

— Trinidad Harbor, Cal. Members: Lieut. Col. R. S. Williamson, 2; Lieut. Col. B. S. Alexander, Lieut. Col. C. S. Stewart, Maj. G. H. Mendell. Rept. Chief of Eng., 1877, p. 1052. (A)

— Crescent City, Cal. Members: Lieut. Col. R. S. Williamson, 3; Lieut. Col. B. S. Alexander, Lieut. Col. C. S. Stewart, Maj. G. H. Mendell. Rept. Chief of Eng., 1877, p. 1053. (A)

— Mack Arch, Oreg. Members: Lieut. Col. R. S. Williamson, 4; Lieut. Col. B. S. Alexander, Lieut. Col. C. S. Stewart, Maj. G. H. Mendell. Rept. Chief of Eng., 1877, p. 1054. (A)

— Port Orford, Oreg. Members: Lieut. Col. R. S. Williamson, 5; Lieut. Col. B. S. Alexander, Lieut. Col. C. S. Stewart, Maj. G. H. Mendell. Rept. Chief of Eng., 1877, p. 1054. (A)

Boards. Project, plan, estimate, etc., for the improvement of Illinois River. Member: Lieut. Col. J. H. Wilson. Rept. Chief of Eng., 1867, p. 270; 1868, p. 440; 1879, p. 1574. (A)

— Potomac River, bridge across Eastern Branch. Members: Lieut. Col. J. M. Wilson, Lieut. Col. P. C. Hains, Maj. A. Mackenzie. Rept. Chief of Eng., 1887, p. 923. (A)

— Dunkirk Harbor, N. Y. Members: Col. I. C. Woodruff, 1; Maj. W. McFarland, Capt. F. Harwood. Rept. Chief of Eng., 1879, p. 101; 1871, p. 214. (A)

— Oswego Harbor, N. Y. Members: Lieut. Col. I. C. Woodruff, 2; Maj. W. McFarland, Maj. N. Bowen. Rept. Chief of Eng., 1879, p. 219. (A)

— Erie Harbor, Pa. Members: Lieut. Col. I. C. Woodruff, 3; Lieut. Col. J. G. Foster, Maj. W. McFarland. Rept. Chief of Eng., 1871, p. 206. (A)

— Oswego Harbor, N. Y. Members: Lieut. Col. I. C. Woodruff, 4; Maj. J. M. Wilson, Capt. F. Harwood. Rept. Chief of Eng., 1871, pp. 243, 248. (A)

— Delaware Breakwater, Del. Members: Col. I. C. Woodruff, 5; Lieut. Col. H. G. Wright, Lieut. Col. J. Newton, Maj. W. P. Craighill. Rept. Chief of Eng., 1871, pp. 672, 678; 1872, p. 755. (A)

— Lewes, Del. Members: Lieut. Col. I. C. Woodruff, 6; Lieut. Col. J. Newton, Lieut. Col. J. D. Kurtz. Rept. Chief of Eng., 1871, p. 681. (A)

— Delaware River, bridge between Philadelphia and Camden. Members: Lieut. Col. I. C. Woodruff, 7; Lieut. Col. J. D. Kurtz, Capt. W. R. King. Rept. Chief of Eng., 1871, pp. 710, 713, 718. (A)

— Grand River Harbor, Fairport, Ohio. Members: Lieut. Col. I. C. Woodruff, 8; Maj. W. McFarland, Maj. J. M. Wilson, Capt. F. U. Farquhar, Capt. G. L. Gillespie. Rept. Chief of Eng., 1872, p. 243. (A)

— Delaware River. Members: Col. I. C. Woodruff, 9; Lieut. Col. H. G. Wright, Lieut. Col. J. Newton, Lieut. Col. J. D. Kurtz, Maj. W. P. Craighill. Rept. Chief of Eng., 1873, p. 875. (A)

— Saugatuck Harbor, Mich. Members: Lieut. Col. I. C. Woodruff, 10; Maj. J. B. Wheeler, Capt. F. U. Farquhar. Rept. Chief of Eng., 1874, p. 190. (A)

— Buffalo Harbor, N. Y. Members: Col. I. C. Woodruff, 11; Maj. C. B. Comstock, Maj. J. M. Wilson, Maj. F. Harwood. Rept. Chief of Eng., 1874, p. 229. (A)

— Cleveland Harbor, Ohio. Members: Col. I. C. Woodruff, 12; Lieut. Col. C. E. Blunt, Maj. C. B. Comstock, Maj. J. M. Wilson. Rept. Chief of Eng., 1875, p. 308. (A)

— Buffalo Harbor, N. Y. Members: Col. I. C. Woodruff, 13; Lieut. Col. C. E. Blunt, Maj. C. B. Comstock, Maj. J. M. Wilson, Maj. F. Harwood. Rept. Chief of Eng., 1876, p. 569. (A)

— Buffalo Harbor, N. Y. Members: Col. I. C. Woodruff, 14; Lieut. Col. C. E. Blunt, Maj. J. M. Wilson. Rept. Chief of Eng., 1879, p. 573. (A)

- Boards.** Project, plan, estimate, etc., for the improvements of Sntro Tunnel. Members: Lieut. Col. H. G. Wright, 1; Lieut. Col. J. C. Foster. Rept. Chief of Eng., 1872, p. 1126. (A)
- Galveston Harbor, Tex. Members: Lieut. Col. H. G. Wright, 1; Lieut. Col. Z. B. Tower. Lieut. Col. J. Newton, Capt. C. W. Howell. Rept. Chief of Eng., 1874, p. 737; 1875, p. 869; 1876, p. 583. (A)
- Stonington Harbor, Conn. Members: Lieut. Col. H. G. Wright, 2; Lieut. Col. J. Newton, Lieut. Col. G. Thom, Lieut. Col. J. D. Kurtz, Maj. J. W. Barlow. Rept. Chief of Eng., 1875, p. 243. (A)
- Mississippi River at mouth. Members: Lieut. Col. H. G. Wright, 3; Lieut. Col. B. S. Alexander, Maj. C. B. Comstock, Messrs. Mitchell, Sickles, Robert, and Whitcomb. Rept. Chief of Eng., 1875, p. 948. (A)
- Ohio River. Members: Lieut. Col. H. G. Wright, 1; Maj. G. Weitzel, Maj. O. M. Poe, Maj. W. E. Merrill, Lieut. F. A. Mahan. Rept. Chief of Eng., 1876, p. 26. (A)
- Great Kanawha River, W. Va. Members: Lieut. Col. H. G. Weitzel, 5; Maj. W. P. Craighill, Maj. O. M. Poe. Rept. Chief of Eng., 1876, p. 164; 1877, p. 676; 1879, p. 551. (A)
- Ohio River. Members: Lieut. Col. H. G. Wright, 6; Maj. G. Weitzel, Maj. O. M. Poe, Maj. W. E. Merrill. Rept. Chief of Eng., 1877, p. 643; 1878, p. 805. (A)
- Bodfish,** Summer Homer (U. S. M. A., 1868). Died May 17, 1894, aged 50. Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Boggs,** Frank Cranston (U. S. M. A., 1898). Project, plan, estimate, etc., for the improvement of Boca Grande and Charlotte Harbor, Fla. Rept. Chief of Eng., 1900, p. 2052. (A)
- Bomford,** George (U. S. M. A., 1805). Reports as Chief of Ordnance, 1832-1848. Member of Board of Visitors (inspection to U. S. M. A. in 1845).
- Letter relative to ordnance duty, arms required by militia of West. No. 80, doc. 83. (C)
- Bomford,** James Voty (U. S. M. A., 1832). Died Jan. 6, 1892, aged 80. Obituary in Ann. Assoc. Grads. U. S. M. A., 1892. (A)
- Bonaparte,** Jerome Napoleon (U. S. M. A., 1852). Died Sept. 3, 1893, aged 63. Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Bonneau,** Richard Van Horst (U. S. M. A., 1852). Died Jan. 28, 1899, aged 72. Obituary in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Bonneville,** Benjamin L. E. (U. S. M. A., 1815). Died June 12, 1878, aged 85. Obituary in Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Borup,** Henry Dana (U. S. M. A., 1876). Report on inspection of projectiles, South Boston Foundry. Rept. Chief of Ord., 1882, p. 261. (C)
- Eureka projectiles, fabrication of 8-inch. Rept. Chief of Ord., 1884, p. 501. (C)
- Experimental, hooped and tubed with steel, construction report, rifle, 12-inch B. L., p. 196; Shrinking on steel hoops at South Boston Foundry, method pursued with 12-inch experimental B. L. rifle, and tubed with steel, p. 209; Progress report of the manufacture of steel forgings at the works of the Robert Poole & Son Company, Baltimore, Md. Rept. Chief of Ord., 1897. (C)
- Borup,** Henry Dana. Extract of report on defenses of Santiago de Cuba; Report on armament of defenses of Santiago de Cuba. Rept. Chief of Ord., 1898.
- Report on materials furnished by various manufacturers. Rept. Chief of Ord., 1899.
- Report on material furnished by various manufacturers. Rept. Chief of Ord., 1900.
- The Ordnance Department 52-inch calipers. Notes Constr. Ord. No. 44, p. 1, vol. 2. (A)
- Report on the fabrication of 8-inch projectiles at the South Boston Foundry. Ord. Note 331, vol. 11. (A)
- The water-front defenses of Santiago. [Reprint.] Jour. U. S. Art., vol. 11, p. 302.
- Bostwick,** Samuel W. (of Ohio). Member of Board of Visitors to U. S. M. A. in 1863.
- Boughton,** Daniel Hall (U. S. M. A., 1881). Photographs in Albums of officers' mess.
- Bourke,** John Gregory (U. S. M. A., 1894). Died June 8, 1896, aged 50. Obituary in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- The snake dance of the Moquis of Arizona, being a narrative of a journey from Santa Fe, N. Mex., to the village of the Moqui Indians. New York, 1884. 1 vol. (A)
- An Apache campaign in the Sierra Madre . . . 1883. . . . 1 vol., O. 1886. (A)
- Compilation of notes and memoranda bearing upon the use of human ordure and human urine in rites of a religious or semi-religious character among various nations . . . pam., O. Washington 1888. (A)
- Notes on the cosmogony and theogony of the Mojave Indians of the Rio Colorado, Arizona. 1 pam., O. 1889. (From Jour. Amer. Folklore.) (A)
- Note on shoeing or nonshoeing of cavalry horses. Jour. Cav. Assoc., 1890, p. 343. (A)
- Mackenzie's last fight with the Cheyennes: A winter campaign in Wyoming and Montana . . . Governors Island New York Harbor, 1890. 1 vol., O. (A)
- On the border with Crook. O. New York, 1891. (A)
- The laws of Spain in their application to the American Indians . . . Washington, 1894. 1 pam., O. (From the Amer. Anthropologist, April, 1894.) (A)
- Our neutrality laws. (Originally published in the Mexican Financier. City of Mexico, 1895.) Fort Ethan Allen. VI. [n. d.]. 1 vol., O., p. 32. (A)
- Hodge (F. W.): J. Gregory Bourke. 1 pam., O. 1896. (A)
- Review of Fewke's snake ceremonials at Walpi. Jour. Mil. Serv. Inst. U. S., vol. 16, p. 643.
- Notes on some Arabic survivals in the language and folk usage of the Rio Grande Valley, etc.
- The folk food of the Rio Grande Valley and northern Mexico.

- Boutelle, Hon. Charles A. (of Maine). Member of Board of Visitors to U. S. M. A. in 1881.
- Bouve, Walter L. (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1895.
- Bowen, Achilles (U. S. M. A., 1880). Died June 6, 1896, aged 71. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Bowen, John S. (U. S. M. A., 1883). Portrait. Engraving. Owned by Assoc. Grads. U. S. M. A.
- Bowen, Nicolas (U. S. M. A., 1860). Died July 11, 1871, aged 35. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1872. (A)
- Project, plan, estimate, etc., for the improvement of Charlotte Harbor, mouth of Genesee River, N. Y. Rept. Chief of Eng., 1860, pp. 40, 170; 1870, p. 203. (C)
- Olcott Harbor, N. Y. Rept. Chief of Eng., 1869, pp. 40, 181. (C)
- Pultneyville Harbor, N. Y. Rept. Chief of Eng., 1872, p. 255; 1874, vol. 1, p. 250; 1875, p. 334; 1884, p. 218. (C)
- See Boards—Bowen, 1; Woodruff, 2. (A)
- Bowen, William P. (of Georgia). Member of Board of Visitors to U. S. M. A. in 1881.
- Bowman, Alexander Hamilton (U. S. M. A., 1825). Portrait (oil painting). Presented by War Department, 1875.
- Instructor of practical engineering, U. S. M. A., 1851-52.
- Fourteenth Superintendent from Mar. 1, 1861, to July 8, 1864. Reports as Supt. U. S. M. A., 1861-1864.
- Remarks on making and applying concrete. n. p. [1849]. 1 vol., D. pp. 9. (A)
- Boyce, William M. (U. S. M. A., 1822). Topography, sec. 1. U. S. Coast Survey Rept., 1844, p. 5. (A)
- Topography, sec. 1, p. 10; sec. 2, p. 15. U. S. Coast Survey Rept., 1845. (A)
- Topography, sec. 1, p. 11; sec. 2, p. 17. U. S. Coast Survey Rept., 1846. (A)
- Albemarle triangulation, p. 34. Plat. forms, p. 35. U. S. Coast Survey Rept., 1847. (A)
- Albemarle triangulation. U. S. Coast Survey Rept., 1848, p. 44. (A)
- Oregon inlet, p. 37; Croatan, Roanoke, and Currituck triangulation, p. 39; Report on Bodie's island inlet, p. 87. U. S. Coast Survey Rept., 1849. (A)
- Boyd, Orsemus Bronson (U. S. M. A., 1867). Died July 23, 1885, aged 41. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- Life of; or, Cavalry life in tent and field Mrs. O. B. Boyd, 1894.
- Boynton, Edward Carlisle (U. S. M. A., 1846). Died May 13, 1893, aged 69. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Adjutant U. S. M. A. Oct. 10, 1861, to Sept. 1, 1871.
- Quartermaster U. S. M. A., Nov. 11, 1861, to Sept. 30, 1865.
- Librarian U. S. M. A. from Jan. 1, 1864 to Sept. 2, 1871.
- Military and naval vocabulary in Webster's Army and Navy Dictionary. 1864.
- Boynton, Edward Carlisle. Register of cadets admitted into the U. S. M. A. West Point, N. Y., from its origin to June 30, 1870. Washington, 1870. 1 vol., O. [Subsequent issues for 1871, 1880, and 1881.] (A)
- General orders of George Washington, Commander in Chief, etc., issued at Newburgh, Newburgh, 1883.
- Author of several papers on chemistry and chemical analysis, 1852-1861.
- See West Point, guide to, 1867.
- Braden, Charles (U. S. M. A., 1860). Photograph *in* Albums of officers' mess.
- Secretary of the Association of Graduates U. S. M. A. and editor of its Annals from 1880 to 1890.
- Bradford, Edmund (U. S. M. A., 1837). Died Apr. 26, 1880, aged 73. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Bradford, Thomas Carr (U. S. M. A., 1861). Died Jan. 12, 1872, aged 35. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1872. (A)
- Instructor of ordnance and gunnery, U. S. M. A., 1871-72.
- Bradley, Thomas W. (of New York). Member of Board of Visitors to U. S. M. A. in 1890.
- Brady, Edward Wright (U. S. M. A., 1860). Died May 2, 1903, aged —. Editor of a newspaper at Henderson, Tex., 18—, and at Muncie, Ind., since 18—.
- Bragg, Braxton (U. S. M. A., 1837). Died Sept. 27, 1870, aged 50. Engraving (by George E. Perine). Owned by Assoc. Grads. U. S. M. A.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1872. (A)
- and his subordinate commanders. Official report of the battle of Chickamauga. O. pp. 234. Richmond, Va., 1864.
- Campaigns of (E. T. Sykes). So. Hist. Papers, vols. 11, 12. 1883-84.
- Some unpublished war letters addressed to Gen. W. T. Sherman. *In* North Amer. Rev., vol. 143, November, 1886.
- Some more war letters addressed to Gen. W. T. Sherman. *In* North Amer. Rev., vol. 144, April, 1887.
- Arrest of etc. No. 443, doc. 211. (C)
- Bragg, Edward S. (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1886.
- Bragg, John (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1835.
- Brainard, Thomas (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1863.
- Brannan, John Milton (U. S. M. A., 1841). Died Dec. 10, 1892, aged 74. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- In memoriam. *In* Twenty-fourth reunion of the Army of the Cumberland, Cleveland, Ohio, September, 1893, p. 223. Cincinnati, 1894. (A)
- See U. S. Coast Survey Rept., 1862, p. 53. (A)
- Bratt, John (U. S. M. A., 1837). Died May 21, 1890, aged 77. Photograph *in* Albums of officers' mess.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1890. (A)

- Breck, Samuel** (of Alabama). Member of Board of Visitors to U. S. M. A. in 1881.
- Breck, Samuel** (U. S. M. A., 1855). Photograph in Albums of officers' mess.
- Recollections of . . . with passages from his note books, 1771-1862. Ed. by H. E. Scudder . . . 1 vol. O., 1877. (A)
- Reports as Adjutant-General U. S. Army, 1807-08.
- Breckinridge, Charles Henry** (U. S. M. A., 1865). Died Aug. 27, 1867, aged —.
- Brent, J. Lancaster** (of California). Member of Board of Visitors to U. S. M. A. in 1858.
- Brent, Thomas Lee, jr.** (U. S. M. A., 1865). Died May 24, 1880, aged 34. Obituary in Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Brereton, John James** (U. S. M. A., 1877). Died Dec. 2, 1809, aged 44. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Brereton, Thomas Jefferson** (U. S. M. A., 1843). Died Sept. 18, 1870, aged 48. Obituary in Ann. Assoc. Grads. U. S. M. A., 1871. (A)
- Brewerton, George Douglas**. Died Jan. 31, 1901. Quartermaster, U. S. M. A., Jan. 31 to Apr. 1, 1851.
- Brewerton, Capt. H.** (of —). Member of Board of Visitors (inspection) to U. S. M. A. in 1843.
- Brewerton, Henry** (U. S. M. A., 1819). Died Apr. 17, 1879, aged 77. Portrait (oil painting). Presented by War Department, 1875.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1879. (A)
- Eighth Superintendent, from Aug. 15, 1845, to Sept. 1, 1852. Reports as Supt. U. S. M. A., 1845-1852.
- See U. S. Coast Survey Rept., 1856, p. 49. (A)
- See Boards—Bache 3. (A)
- Brice, Benjamin William** (U. S. M. A., 1829). Died Dec. 4, 1892, aged 86. Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Reports as Paymaster-General, 1864-1872.
- Brisbane, Abbott Hall** (U. S. M. A., 1825). Died Sept. 28, 1861, aged —. Ralphion, or, The young Carolinian of 1776.
- Brokenborough, John** (of —). Member of Board of Visitors to U. S. M. A. in 1834.
- Brodrick, Patrick Thomas** (U. S. M. A., 1868). Died Mar. 28, 1886, aged 41. Obituary in Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- Bromwell, Jacob H.** (of Ohio). Member of Board of Visitors to U. S. M. A. in 1899.
- Bronson, Alvin**. Member of Board of Visitors to U. S. M. A. in 1834.
- Brooke, Brig. Gen. George Mercer**, U. S. Army. Member of Board of Visitors (inspection) to U. S. M. A. in 1843 and 1845.
- Brooks, Edward Cranston** (U. S. M. A., 1886). A technical criticism of our infantry drill book. Jour. Mil. Serv. Inst. U. S., vol. 17, p. 97. (A)
- Brooks, Horace** (U. S. M. A., 1835). Died Jan. 13, 1894, aged 79. Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Brooks, John Crafts Wright** (U. S. M. A., 1885). Photograph in Albums of officers' mess.
- Brooks, John Crafts Wright**. A proposed design for a new ballistic target. Jour. U. S. Art., vol. 1, p. 247.
- Brooks, William Thomas Hasbaugh** (U. S. M. A., 1841). Died July 19, 1870, aged 49. Obituary in Ann. Assoc. Grads. U. S. M. A., 1871. (A)
- Brotherton, David Hammett** (U. S. M. A., 1854). Died Sept. 17, 1889, aged 58. Obituary in Ann. Assoc. Grads. U. S. M. A., 1890. (A)
- Brown, A. G.** (of Mississippi). Member of Board of Visitors to U. S. M. A. in 1847.
- Brown, Austin Hastings** (U. S. M. A., 1885). Cadet life at West Point. Pall Mall Mag., vol. 11, p. 130 (Jan.).
- Brown, B. Gratz** (of Missouri). Member of Board of Visitors to U. S. M. A. in 1884.
- Brown, Harvey** (U. S. M. A., 1818). Died Mar. 31, 1874, aged 78. Obituary in Ann. Assoc. Grads. U. S. M. A., 1874. (A)
- Browne, J. B.** (of Iowa). Member of Board of Visitors to U. S. M. A. in 1851.
- Brown, Maj. Gen. Jacob** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1815.
- Brown, James**. Member of Board of Visitors to U. S. M. A. in 1820.
- Brown, John A.** (U. S. M. A., 1846). Died Oct. 8, 1877, aged 51. Obituary in Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Brown, Col. John M.** (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1870.
- Brown, Rev. John W.** (of New York). Member of Board of Visitors to U. S. M. A. in 1887.
- Brown, Prof. Le Roy D.** (of Nevada). Member of Board of Visitors to U. S. M. A. in 1889.
- Brown, Lytle** (U. S. M. A., 1898). The phosphates of Tennessee. 1894.
- Brown, Judge Mason** (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1864.
- Brown, Micah Ryder** (U. S. M. A., 1865). Died Apr. 9, 1890, aged 30. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Project, plan, estimate, etc., for the improvement of Broad Kiln River, Del. Rept. Chief of Eng., 1872, pp. 792, 795. (C)
- and Kurtz, John Daniel (U. S. M. A., 1842). Report on the effects of the sea water and exposure upon the iron-pile shafts of the Brandywine shoal light-house. U. Washington, 1874.
- Brown, O. B.** Member of Board of Visitors to U. S. M. A. in 1825.
- Brown, Oscar James** (U. S. M. A., 1877). Photograph in Albums of officers' mess.
- Brown, Robert Alexander** (U. S. M. A., 1885). Photograph in Albums of officers' mess.
- Brown, Rufus Porter** (U. S. M. A., 1866). Died Sept. 4, 1892, aged 48. Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Brown, T. B.** (U. S. M. A., 1826). Experiments on the resistance of sand to motion through tubes . . . its use in the blasting of rocks [Philadelphia 1836] 1 vol. O. pp. 18. (A)

- Brown, Thompson Skinner** (U. S. M. A., 1828).
Died June 30, 1855, aged 48. Memorial to the Senate and House of Representatives. [n. p.] 1835. 1 vol., O., p. 13. (A)
- Brown, William Carey** (U. S. M. A., 1877).
Photograph in Albums of officers' mess.
Adjutant U. S. M. A. Aug. 1, 1888, to July 1, 1890.
— Memoranda of decisions on points of tactics. U. S. Infantry and Cavalry School, 1885. 1 vol., O. 49 pp. (A)
- The Military Academy and the education of officers. In Jour. Mil. Serv. Inst. U. S., vol. 17 (1895), p. 176. (A)
- Reorganization and graded retirement for cavalry. Jour. Cav. Assoc. 1896, p. 215. (A)
- The carbine versus the rifle, p. 93; Five year enlistment for the cavalry, p. 533. Jour. Cav. Assoc., 1890. (A)
- Officers' equipments. Jour. Mil. Serv. Inst., vol. 14, p. 129. (A)
- Comment on Hubbard's The Military Academy, etc. Jour. Mil. Serv. Inst. U. S., vol. 17, p. 176. (A)
- Bruce, William Estcourt** (U. S. M. A., 1887).
Died Feb. 27, 1892, aged 28. Obituary in Ann. Assoc. Grads. U. S. M. A., 1892. (A)
- Bruff, Lawrence Laurensen** (U. S. M. A., 1876).
Instructor of ordnance and gunnery, U. S. M. A., Aug. 17, 1891.
— Quartermaster U. S. M. A., May 19-23, 1898.
— Malet's hydraulic carriages for 3.2-inch B. L. rifle. Rept. Chief of Ord. 1877, p. 321. (C)
- Spurs and straps, report on manufacture of 1,000 Mills pattern. Rept. Chief of Ord., 1881, p. 271. (C)
- Rock Island Arsenal—report of work done in rolling mill, cost, etc. Rept. Chief of Ord., 1882, p. 82.
- Ordnance and gunnery, U. S. M. A. Ballistic . . . Newburgh 1885. 1 pam., O. (A)
- Exterior ballistics, Nevins' method. 1885.
- Rifle, 8-inch B. L., No. 1, report on hooping chase, etc., p. 267; Rifle, 3.2-inch, B. L., steel, completed construction, report on, p. 299; Malet hydraulic field carriage for 3.2-inch B. L., steel rifle, p. 321; Projectiles with cast copper bands, p. 337. Rept. Chief of Ord., 1887. (C)
- Description and construction of rifle, 8-inch B. L., p. 219; Principal dimensions of rifle, 8-inch B. L., p. 223; Shrinkage appliances for rifle 8-inch B. L., p. 226. Rept. Chief of Ord., 1890. (C)
- Steel construction report of, rifle, 12-inch B. L., p. 185; Construction report on, mortar, 12-inch B. L., steel, p. 201. Rept. Chief of Ord., 1891. (C)
- Notes on machine and rapid-fire guns, small arms and ballistic machines. 1892.
- Description of mortar, 12-inch B. L., steel. Rept. Chief of Ord., 1893, p. 39. (C)
- Historical sketch of the department of ordnance and gunnery U. S. M. A. In Rept. Supt. U. S. M. A., 1896, pp. 179-186. (A)
- H. Doc. 789, 58-2—vol 2—14**
- Bruff, Lawrence Laurensen**. A text book of ordnance and gunnery. Prepared for the use of cadets of the U. S. M. A. 1st ed., 1st thous. New York, 1896. 1 vol., O. v. 977 pp. (A)
- Report on the manufacture of 1,000 spurs and straps of the Mills pattern. Ord. Note no. vol. 5. (A)
- Comment on the new carbine and new target practice. Jour. Mil. Serv. Inst. U. S., vol. 22, p. 652. (A)
- New West Point. Ordnance museum. Descriptive catalogue, 1898.
- Brumby, A. V.** (of Georgia) (U. S. M. A., 1835).
Member of Board of Visitors to U. S. M. A. in 1853.
- Brunot, Hilary** (U. S. M. A., 1814).
Died Mar. 26, 1872, aged 77. Obituary in Ann. Assoc. Grads. U. S. M. A., 1872. (A)
- Bryan, Col. Edward B.** (of South Carolina) (U. S. M. A., 1848).
Member of Board of Visitors to U. S. M. A. in 1860.
- Bryan, E. H.** (of Mississippi).
Member of Board of Visitors to U. S. M. A. in 1857.
- Bryan, Francis Theodore** (U. S. M. A., 1846).
Report of reconnaissance from Fort Riley to Bridgers Pass and return, made in 1856. O. Washington, 1857. Explorations and Surveys.
- Reconnaissance of routes from San Antonio to El Paso. Explorations and Surveys.
- Bryau, Timothy Matlock** (U. S. M. A., 1855).
Died Apr. 8, 1881, aged 49. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Bryant, Cullen** (U. S. M. A., 1864).
Meteorological register Alaska, 1870-71. U. S. Coast Survey Rept., 1871, app. 7, pp. 100-108. (A)
- Bryant, Cyrus** (of Illinois).
Member of Board of Visitors to U. S. M. A. in 1863.
- Bryant, Dr. Joseph D.** (of New York).
Member of Board of Visitors to U. S. M. A. in 1896.
- Bryce, Joseph Smith** (U. S. M. A., 1829).
Died Apr. 10, 1901, aged 93. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Buchanan, M.** (of Pennsylvania).
Member of Board of Visitors to U. S. M. A. in 1824.
- Buchanan, Robert Christie** (U. S. M. A., 1830).
Died Nov. 29, 1878, aged 67. Obituary in Ann. Assoc. Grads. U. S. M. A., 1879. (A)
- Buckham, M. H.** (of Vermont).
Member of Board of Visitors to U. S. M. A. in 1876.
- Buckingham, Catharinus Putnam** (U. S. M. A., 1829).
Died Aug. 30, 1888, aged 80. Engraving. Owned by Assoc. Grads. U. S. M. A.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Member of Board of Visitors to U. S. M. A. in 1879.
- Principles of arithmetic. 1871.
- Elements of the differential or infinitesimal calculus. 1875. [2d ed. 1880.]
- Buckner, Simon Bolivar** (U. S. M. A., 1844).
Photograph in Albums of officers' mess.
- Member of Board of Visitors to U. S. M. A. in 1898.
- Buel, David Hillhouse** (U. S. M. A., 1861).
Died July 22, 1879, aged 30. Obituary in Ann. Assoc. Grads. U. S. M. A., 1871. (A)

- Buell, Don Carlos** (U. S. M. A., 1841). Died Nov. 19, 1898, aged 80. Engraving. Owned by Assoc. Grads. U. S. M. A.
- Obituary and portrait *in Ann. Assoc. Grads. U. S. M. A.*, 1899. (A)
- Member of Board of Visitors to U. S. M. A. in 1881.
- Proceedings of court-martial in case of. No. 432, doc. 71. (C)
- Proceedings of military commission in case of, etc. No. 1515, doc. 262. (C)
- Records in case of, 1872. No. 1543, doc. 97; No. 1545, doc. 42. (C)
- Loss of papers in case of. No. 1570, doc. 93. (C)
- A contradicted "famous saying." *Century Mag.*, vol. 30, p. 956.
- Buffington, Adelbert Rinaldo** (U. S. M. A., 1861). Counterpoise gun carriage designed by French board. Rept. Chief of Ord., 1873, p. 457. (C)
- Mechanical motion. Rept. Chief of Ord., 1882, p. 204. (C)
- Power to a crank arm, direct application of, p. 119; Headless shell extractor for rifles and carbines, p. 159. Rept. Chief of Ord., 1883. (C)
- Commended by Chief of Ordnance, p. 5; Oxidation of metal parts of Springfield rifle, p. 77; Description of sights and bayonets, front and rear, for Springfield rifle, model 1884, p. 109; Rod bayonet, Springfield rifle, and attachments, p. 109. Rept. Chief of Ord., 1884. (C)
- Fabrication for 25 carriages for 3.2-inch field guns. Rept. Chief of Ord., 1887, p. 317. (C)
- Objections to present method of making purchases. Rept. Chief of Ord., 1889, p. 98, 1890, p. 112; 1891, p. 102. (C)
- Battery wagon and forge for 3.2-inch field gun, construction of, p. 171; Manufacture of limber, caisson, battery wagon, and forge for, rifle, 3.2-inch B. L., p. 171; Rifle, 3.2-inch B. L., weights of gun carriage, limber, etc., p. 184; Weights and equipments for, battery wagon and forge, p. 185; Improved harness for 3.2-inch rifle, p. 185; Rifles, 3.2-inch, number of projectiles carried by batteries of, p. 189. Rept. Chief of Ord., 1889. (C)
- Small caliber, experiments with, ammunition, p. 181; Small caliber, experiments with, rifle, p. 183; Powder, smokeless, previous reports on cordite and Wetteren corrected, p. 202; Artillery, for field batteries, construction of, wagon, p. 301; Limber and carriage, metallic, for machine guns, nomenclature of, p. 410. Rept. Chief of Ord., 1890. (C)
- Construction report on manufacture of mounts for Gatling guns, p. 407; Carriages for machine guns, construction report on manufacture of metallic, p. 407; Shield designed for carriages for machine guns, p. 408; Nomenclature of metallic carriage and limber for machine guns, p. 410. Rept. Chief of Ord., 1891. (C)
- Report of principal operations at Rock Island Arsenal, p. 394; Packing outfit, modified, for Hotchkiss mountain gun, caliber 1.65-inch, description of, p. 407; Bill of materials for, Hotchkiss, packing outfit, p. 412. Rept. Chief of Ord., 1892. (C)
- Buffington, Adelbert Rinaldo.** Report of principal operations at Rock Island Arsenal, 1893. Rept. Chief of Ord., 1893, p. 307. (C)
- Reports as Chief of Ordnance, U. S. Army, 1890-1901.
- Plan for moving heavy ordnance. Ord. Note 24, vol. 1, p. 135. (A)
- Mechanical motion—description and plates of a machine illustrating a mechanical curiosity. Ord. Note 190, vol. 6. (A)
- On the direct application of power to a crank arm, securing uniformity of work and motion. Ord. Note 290, vol. 10. (A)
- Headless shell extractor for the Springfield rifle and carbine. Ord. Note 311, vol. 10. (A)
- Buford, Abraham** (U. S. M. A., 1841). Died June 9, 1881, aged 64. Engraving (by G. E. Perine). Owned by Assoc. Grads. U. S. M. A. (A)
- Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1884.
- Buford, Napoleon Bonaparte** (U. S. M. A., 1827). Died Mar. 28, 1883, aged 76. Bronze statue (by J. E. Kelly) in Gettysburg, Pa.
- Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1883; *Harper's New Monthly Mag.*, vol. 67 (1883), p. 156. (A)
- Member of Board of Visitors to U. S. M. A. in 1850.
- Bullard, Henry A.** (of Louisiana). Member of Board of Visitors to U. S. M. A. in 1849.
- Bullock, Edwin Conover** (U. S. M. A., 1853). Died Dec. 15, 1896, aged 34. Obituary and portrait *in Ann. Assoc. Grads. U. S. M. A.*, 1897. (A)
- Bullock, James S.** (of Georgia). Member of Board of Visitors to U. S. M. A. in 1837.
- Bullock, Joseph J.** (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1839.
- Burbank, Sidney** (U. S. M. A., 1820). Died Dec. 7, 1882, aged 75. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1883. (A)
- Burden, J. R.** Member of Board of Visitors to U. S. M. A. in 1833.
- Burdett, Samuel S.** (of Missouri). Member of Board of Visitors to U. S. M. A. in 1871.
- Burgess, Doctor** (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1824.
- Burgess, Harry** (U. S. M. A., 1895). *See* Board—Harris, 5, 6. (A)
- Burleigh, George W.** (of New Hampshire). Member of Board of Visitors to U. S. M. A. in 1867.
- Burnet, Robert Wallace** (U. S. M. A., 1820). Died July 22, 1895, aged 90. Obituary and portrait *in Ann. Assoc. Grads. U. S. M. A.*, 1901. (A)
- Member of Board of Visitors to U. S. M. A. in 1849.
- Burnett, Jacob** (of Ohio). Member of Board of Visitors to U. S. M. A. in 1829.
- Burnett, Ward Benjamin** (U. S. M. A., 1832). Died June 24, 1884, aged 74. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1885. (A)

- Burham, Arthur Hubert** (U. S. M. A., 1864). Died Sept. 12, 1877, aged 35. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1878. (A)
- Operations against the defences of Mobile. . . . Essayons Club Papers, No. 3, 1868. (A)
- Des Moines Rapids, Locks, and Canal of the Mississippi River, detailed drawings of. In 30 sheets. 1872.
- See Boards—Macomb, 12. (A)
- Burns, William Wallace** (U. S. M. A., 1847). Died Apr. 12, 1892, aged 67. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1892. (A)
- On the preservation of moisture for seasonable rainfall. (Address before the National Agricultural Convention, Chicago, Dec. 13, 1882.) *Ord. Note* 293, vol. 10. (A)
- Review of Bourrienne's Napoleon Bonaparte. *Jour. Mil. Serv. Inst.*, vol. 10, p. 557. (A)
- Burnside, Ambrose E.** (U. S. M. A., 1847). Died Sept. 13, 1881, aged 57. Engraving (by J. C. Buttre). Owned by Assoc. Grads. U. S. M. A.
- Bronze (equestrian) statue (by Launt Thompson) in Providence, R. I. [Erected 1887]
- Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1882; *Harper's New Monthly Mag.*, vol. 63 (1881), p. 956. (A)
- Member of Board of Visitors to U. S. M. A. in 1856.
- Abbott, J. S. C.; Gen. Ambrose E. Burnside. *Harper's New Monthly Mag.*, vol. 30 (1864), p. 3. (A)
- Woodbury (Aug.). . . Burnside and the Ninth Army Corps. . . . vol. 10. 1867. (A)
- Memorial addresses on the life and character of Ambrose E. Burnside. . . . delivered . . . Jan. 23, 1882. Washington 1882. 1 vol. 12., 79 pp. (with por.). (A)
- Poore, Ben; Perley. *Life of Burnside*. With introduction by H. B. Anthony. 1882.
- Some unpublished war letters addressed to Gen. W. T. Sherman. *In North Amer. Rev.*, vol. 143, November, 1886. (A)
- See S. S. Hist. Soc. R. I., 2d ser. No. 17.
- Burr, Edward** (U. S. M. A., 1882). Project, plan, estimate, etc. for the improvement of Olympia Harbor, Wash. Rept. Chief of Eng., 1885, p. 2416. (C)
- Appomattox River Va. Rept. Chief of Eng., 1893, p. 1336. (A)
- Mississippi River (Beechridge). Rept. Chief of Eng., 1900 pp. 2660, 2672. (A)
- Mississippi River (Rockwood, Ill.) Rept. Chief of Eng., 1900, p. 2667. (A)
- Harrisonville Harbor, Ill. Rept. Chief of Eng., 1901, p. 2226. (A)
- Measurements of the discharge of the Mississippi River at St. Louis, Mo., p. 2199; lumber mattress for subaqueous bank protection, as used on the Mississippi River between the mouths of the Missouri and Ohio rivers, p. 2212; road scraper and floating derrick as applied to grading river banks to receive revetments, p. 2225. Rept. Chief of Eng., 1901. (A)
- Burr, Edward**. See Boards—Adams, 1. Allen, Handbury, 1.
- Burr, George Washington** (U. S. M. A., 1888). On shrinkage operations and a proper heating furnace for hoops and jackets. Rept. Chief of Ord., 1895.
- Report on tool box for the 7-inch B. L. Siege howitzer and carriage. Rept. Chief of Ord., 1900.
- Burroughs, George** (U. S. M. A., 1862). Died Jan. 22, 1870, aged . . . In memorial. *In Fourth reunion of the Army of the Cumberland, Cleveland, Ohio, November, 1870.* Cincinnati, 1870. (A)
- Burrows, Charles William** (U. S. M. A., 1870). Publisher and bookseller.
- Burrows, Julius C.** (of Michigan). Member of Board of Visitors to U. S. M. A. in 1891.
- Burtwell, John R. B.** (U. S. M. A., 1860). Died Oct. 21, 1873, aged 37. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1874. (A)
- Bush, Asahel** (of Oregon). Member of Board of Visitors to U. S. M. A. in 1861.
- Bush, Edward Geer** (U. S. M. A., 1850). Died July 4, 1892, aged 54. Photograph *in Albums of officers' mess.*
- Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1893. (A)
- Bush, James Clark** (U. S. M. A., 1875). A short history of the Fifth Regiment U. S. Artillery. New York, 1895. 1 pamph., 0. (A)
- Translator U. S. M. A. Cavalry armament. *Jour. Mil. Serv. Inst. U. S.*, vol. 10, p. 733. (A)
- Submarine mines and torpedoes. *Jour. Mil. Serv. Inst. U. S.*, vol. 11, p. 179-177. (A)
- Strategy, tactics, and policy. *Jour. Mil. Serv. Inst. U. S.*, vol. 12, p. 42. (A)
- translator. Field artillery ammunition supply, p. 646, Skobelev's opinion of the lance, p. 871. *Jour. Mil. Serv. Inst.*, vol. 12. (A)
- translator. Artillery question of 1890 p. 165. Hohenlohe's letters on infantry, p. 380; The "lava" of the Cossacks p. 808; Firing from horseback, p. 1016; Sub-caliber tubes for seacoast guns, p. 1241. *Jour. Mil. Serv. Inst. U. S.*, vol. 13. (A)
- translator. Cavalry—past, present and future. *Jour. Mil. Serv. Inst. U. S.*, vol. 13, p. 1230; vol. 14, p. 179. (A)
- Comment on The three battalion organization. *Jour. Mil. Serv. Inst. U. S.*, vol. 14, p. 823. (A)
- translator. Instruction of the German recruit. *Jour. Mil. Serv. Inst. U. S.*, vol. 14, p. 872. (A)
- translator. The Stroobants prism telemeter. *Jour. Mil. Serv. Inst. U. S.*, vol. 15, p. 841. (A)
- The Fifth Regiment of Artillery. *Jour. Mil. Serv. Inst. U. S.*, vol. 17, p. 212. (A)
- History of the Fifth Regiment of Artillery. *Hist. U. S. Army*, pp. 376-398. (A)
- Butler, Ben Israel** (U. S. M. A., 1877). Died Sept. 1, 1881, aged 21. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1882. (A)

- Butler, Benjamin Franklin (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1857 and 1875.
- Butler, Edward George Washington (U. S. M. A., 1820). Died Sept. 6, 1888, aged 80. *Obituary in Ann. Assoc. Grads. U. S. M. A., 1889.* (A)
- Butler, John Gozzam (U. S. M. A., 1863). Experimental compressor test of Rept. Chief of Ord., 1874, p. 134. (C)
- Projectiles and rifled cannon. Systems of projectiles and rifling. . . . New York, 1875. 1 vol., Q. (A)
- Cylinder experiments on cast iron, subjected to influence of heat, p. 81; Test of specimens of Woodbridge gun, p. 182. Rept. Chief of Ord., 1876. (C)
- The trial of two cast-iron guns. O., pam. Washington, 1881.
- Objections to present method of making purchases. Rept. Chief of Ord., 1889, p. 102; 1890, p. 116; 1891, p. 109. (C)
- Description of a tire-upsetting machine. Ord. Note 200, vol. 7. (A)
- Butler, Matthew C. (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1802
- Butler, Matthew Calbraith (U. S. M. A., 1888). Photograph in Albums of officers' mess.
- Butler, Sigourney (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1895.
- Butler, William Patterson (U. S. M. A., 1866). Bochum cast steel, compressibility and bursting tests. Rept. Chief of Ord., 1872, p. 56. (C)
- Butterworth, Benjamin (of Ohio). Member of Board of Visitors to U. S. M. A. in 1887.
- Butts, Edmund Luther (U. S. M. A., 1890). Manual of physical drill, U. S. Army. . . . New York, 1897. 1 vol., O. (A)
- Physical training of the American soldier. Jour. Mil. Serv. Inst., vol. 16, p. 499. (A)
- Cabaniss, Charles Henry, Jr. (U. S. M. A., 1874). History of the Eighteenth Regiment of Infantry. Hist. U. S. Army, pp. 643-656.
- Cadwalader, George (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1851
- Cadwalader, T. (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1850
- Caffey, Francis G. (of Alabama). Member of Board of Visitors to U. S. M. A. in 1899
- Caldwell, James Nelson (U. S. M. A., 1840). Died Mar. 12, 1885, aged 68. *Obituary in Ann. Assoc. Grads. U. S. M. A., 1886.* (A)
- Calef, John Haskell (U. S. M. A., 1862). Course in military art. (1) Military policy and institutions, (2) Ancient and modern armies. (Department of military art, U. S. Artillery School.) Fort Monroe, 1886. 1 vol., O., 249 pp.
- Artillery exercises, Class A. Description and service of machine guns. O., pp. 40. Fort Monroe, 1886.
- Callender, Franklin Dyer (U. S. M. A., 1839). Died Dec. 13, 1882, aged 66. *Obituary in Ann. Assoc. Grads. U. S. M. A., 1883.* (A)
- Camack, James (of Georgia). Member of Board of Visitors to U. S. M. A. in 1832
- Cameron, Angus (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1883.
- Cameron, George Hamilton (U. S. M. A., 1883). Map of the survey of the United States reservation at West Point, N. Y., made by First Lieut. John Biddle, Corps of Engineers, 1888-1890. In Rept. Supt. U. S. M. A., 1891, p. 11. (A)
- Cameron, Henry C. (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1876.
- Cameron, J. Donald (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1874, in 1878, and in 1892.
- Cameron, Simon (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1831 and in 1872.
- Camp, John H. (of New York). Member of Board of Visitors to U. S. M. A. in 1882.
- Campbell, Archibald (U. S. M. A., 1835). Died July 20, 1887, aged 74. *Obituary in Ann. Assoc. Grads. U. S. M. A., 1888.* (A)
- Campbell, A. W. (of West Virginia). Member of Board of Visitors to U. S. M. A. in 1863 and in 1865.
- Campbell, James B. (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1867.
- Campbell, John Augustus (U. S. M. A., 1867). Died Oct. 20, 1875, aged 32. *Obituary in Ann. Assoc. Grads. U. S. M. A., 1876.* (A)
- Reminiscences and documents relating to civil war during the year 1865. 1 vol., O., pam. Baltimore, 1887. (A)
- Campbell, John L. (of Indiana). Member of Board of Visitors to U. S. M. A. in 1869.
- Campbell, Joseph Boyd (U. S. M. A., 1861). Died Aug. 28, 1891, aged 55. Photograph in Albums of officers' mess.
- *Obituary in Ann. Assoc. Grads. U. S. M. A., 1892.* (A)
- The discovery of gunpowder by the Chinese. Ord. Note 312, vol. 10. (A)
- A few words on horseshoeing. Jour. Mil. Serv. Inst. U. S., vol. 10, p. 397. (A)
- Campbell, Lewis D. (of Ohio). Member of Board of Visitors to U. S. M. A. in 1871.
- Campbell, Quintin (U. S. M. A., 1866). Died Sept. 20, 1897, aged 54. *Obituary in Ann. Assoc. Grads. U. S. M. A., 1897.* (A)
- Canby, Edward Richard Sprigg (U. S. M. A., 1839). Died Apr. 11, 1873, aged 55. Engraving (by A. H. Ritchie). Owned by Assoc. Grads. U. S. M. A.
- *Obituary in Ann. Assoc. Grads. U. S. M. A., 1873.* (A)
- Biography. Harper's New Monthly Mag., vol. 47 (1873), p. 139.
- Capron, Adin B. (of Rhode Island). Member of Board of Visitors to U. S. M. A. in 1900
- Capron, Allyn (U. S. M. A., 1867). Died Sept. 18, 1898, aged 53. *Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1899.* (A)
- Report of operations of Light Battery E, First Artillery, in Santiago campaign. Jour. U. S. Art. vol. 11, p. 181.
- Capron, Seth Makepeace (U. S. M. A., 1821). Died Nov. 30, 1878, aged 78. *Obituary in Ann. Assoc. Grads. U. S. M. A., 1879.* (A)

- Carbaugh, Harvey Clarence** (U. S. M. A., 1882). Course of instruction for non-commissioned officers, 1890. *See* Artillery School of the United States. (A)
- Review of the naval annual, 1904. p. 368.
- Experimental use of the Essick page-printing telegraph for transmitting information in sea-coast artillery firing. p. 503. Notice of Brassey's annual, 1895. p. 79. Jour. U. S. Art., vol. 4.
- Review of Mayne's Infantry fire tactics. Jour. Mil. Serv. Inst. U. S., vol. 10, p. 493. (A)
- Instruction of non-commissioned officers. Jour. Mil. Serv. Inst. U. S., vol. 11, p. 222. (A)
- Neutrality laws of the United States. Jour. Mil. Serv. Inst. U. S., vol. 15, p. 69. (A)
- Martial law in Ceylon. Jour. Mil. Serv. Inst. U. S., vol. 17, p. 323. (A)
- Present status of field artillery. Jour. Mil. Serv. Inst. U. S., vol. 20, p. 500. (A)
- Federal duty and policy in regard to artillery. Jour. Mil. Serv. Inst. U. S., vol. 21, p. 257. (A)
- A service school for heavy artillery. Jour. Mil. Serv. Inst. U. S., vol. 22, p. 322. (A)
- Carey, Asa Bacon** (U. S. M. A., 1858). A sketch of the organization of the Pay Department, U. S. Army, 1775-1876. Washington, 1876. 1 vol., O., pp. 45. (A)
- Reports as Paymaster-General, U. S. Army, 1869.
- History of the Pay Department. Hist. U. S. Army, pp. 100-110. (A)
- Carlin, William Passmore** (U. S. M. A., 1850). Freedmen's affairs in Kentucky and Tennessee, 1868. No. 1346, doc. 329. (C)
- Carling, Elias Brown** (U. S. M. A., 1859). Died July 1, 1875, aged 38. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1876. (A)
- Carmichael, E. H.** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1835.
- Carpenter, Matt. H.** (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1871.
- Carpenter, T. P.** (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1862.
- Carr, Overton** (U. S. M. A., 1872). Died July 24, 1881, aged 30. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1882. (A)
- Carrington, H. B.** (of Ohio). Member of Board of Visitors to U. S. M. A. in 1861.
- Carroll, Samuel Sprigg** (U. S. M. A., 1856). Died Jan. 28, 1893, aged 61. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Quartermaster U. S. M. A. Jan. 5, 1860, to Nov. 11, 1861.
- Carroll, William** (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1828.
- Carrow, Charles Marim** (U. S. M. A., 1878). Died May 19, 1879, aged 26. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1879. (A)
- Carrow, Rev. J. D.** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1876.
- Carson, Maj. John M.** (of the District of Columbia). Member of Board of Visitors to U. S. M. A. in 1891.
- Carson, John Miller** (U. S. M. A., 1865). Photograph *in* Albums of officers' mess.
- Carson, John Miller**. Adjutant U. S. M. A. July 1, 1890, to Aug. 31, 1895.
- The service revolver. Jour. Cav. Assoc., 1880, p. 416. (A)
- Trophies and flags in the chapel U. S. M. A. *In* Bull. Assoc. Grads. U. S. M. A. No. 2 (1902), p. 81.
- Carter, Eugene** (U. S. M. A., 1861). Died Feb. 10, 1877, aged 38. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- *In* Four brothers in blue.
- Carter, Oberlin Matthias** (U. S. M. A., 1880). Missouri, Department of the outline map of a portion of, 1884. (In 4 sheets.) Topographical map.
- Project, plan, estimate, etc., for the improvement of Doboy Bar, Ga. Rept. Chief of Eng., 1888, p. 1044; 1897, p. 1539. (C)
- Savannah River between Savannah and Augusta, Ga. Rept. Chief of Eng., 1890, pp. 1324, 1326, 1330; 1892, p. 1283. (C)
- Savannah River above Augusta, Ga. Rept. Chief of Eng., 1890, pp. 1296, 1325, 1520. (C)
- Altamaha River, Ga. Rept. Chief of Eng., 1890, pp. 1370, 1380; 1892, p. 1261. (C)
- Ocmulgee River, Ga. Rept. Chief of Eng., 1890, p. 1395; 1891, p. 1544. (C)
- Yellow River, Ga. Rept. Chief of Eng., 1891, p. 1607. (C)
- Doboy and Sapelo, Ga. Rept. Chief of Eng., 1892, p. 1269. (C)
- Savannah, Ga., and Fernandina, Fla. Rept. Chief of Eng., 1892, p. 1323. (C)
- Brunswick Outer Bar, Ga. Rept. Chief of Eng., 1893, pp. 1586, 1588; 1894, p. 1195. (A)
- channel between Cumberland Island, Ga., and Fernandina, Fla. Rept. Chief of Eng., 1893, p. 1600. (A)
- Savannah River, Ga. Rept. Chief of Eng., 1893, p. 1609; 1895, p. 1520. (A)
- Savannah Harbor, Ga. Rept. Chief of Eng., 1895, p. 1460. (A)
- Brunswick Harbor, Ga. Rept. Chief of Eng., 1895, p. 1494. (A)
- Channel between Beaufort, S. C., and Savannah, Ga. Rept. Chief of Eng., 1895, p. 1521. (A)
- Cumberland Sound, Ga. Rept. Chief of Eng., 1896, p. 1293; 1897, p. 1534.
- *See* Dyckerhoff, R. Influence of sea water on hydraulic mortars.
- *See* Boards—Bixby 1; Black, 1; Craighill, 14; Hains 5 6; Price, 1; Roberts 8.
- Carter, Robert Goldthwaite** (U. S. M. A., 1879). *In* Four brothers in blue.
- Carter, Thomas H.** (of Montana). Member of Board of Visitors to U. S. M. A. in 1900.
- Carter, William Harding** (U. S. M. A., 1873). A portable ramp. p. 432; Comment on Swifts "38 caliber again." p. 437. Jour. Cav. Assoc. 1893. (A)
- Tradition and drill regulations. p. 114. (A)
- Letter on aluminium horseshoes. p. 275. (A)

- Carter, William Harding. Extracts from Horses, saddles, and bridles, p. 330. Jour. Cav. Assoc., 1894. (A)
- Will America profit by her recent military lessons? North Amer. Rev., May, 1902
- Post-graduate instruction in the U. S. Army. *Id.* Ed. Rev., December, 1902, p. 433. (A)
- Comment on Queries on the cavalry equipment. Jour. Mil. Serv. Inst. U. S., vol. 11, p. 350. (A)
- The infantry and cavalry school. Jour. Mil. Serv. Inst. U. S., vol. 15, p. 752. (A)
- History of the Sixth Regiment of Cavalry. Hist. U. S. Army, pp. 232-250. (A)
- Cartwright, George Smith (U. S. M. A., 1885). Died Sept. 23, 1900, aged 38. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Casey, Edward Wanton (U. S. M. A., 1873). Died Jan. 7, 1891, aged 49. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1891. (A)
- Casey, Capt. J. C. Member of Board of Visitors (inspection) to U. S. M. A. in 1842.
- Casey, Silas (U. S. M. A., 1826). Died Jan. 22, 1882, aged 74. Engraving (by J. C. Buttrel). Owned by Assoc. Grads. U. S. M. A.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1882. (A)
- Infantry tactics . . . (By Authority.) New York, 1862. 3 vols., O. (A)
- Infantry tactics for colored troops. 1863.
- Casey, Thomas Lincoln (U. S. M. A., 1852). Died Mar. 25, 1896, aged 65. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Obituary. In Biog. Mem. Nat. Acad. Sci., vol. 4, p. 125.
- Historical sketch of the Corps of Engineers. Washington, 1876. 1 vol., O., pp. 43. (A)
- Reports on construction of the State, War, and Navy Department building, 1878-1888. O. Washington.
- Reports of the Chief of Engineers, 1888-1895.
- [Construction of the Washington Monument.] House Misc. Doc. No. 8, 48th Cong., 2d sess. (C)
- Reports on the Washington National Monument. O. Washington.
- Reports, etc., upon the construction . . . Library of Congress, 1889 (Cong. Doc. 2697); 1891 (2904); 1892 (2907 and 3110); 1895 (3347). (C)
- See Humphreys, Andrew Atkinson. Letter to the Secretary of War, 1876.
- See Boards—Casey, Bache, 5, 6; Houston, 15, 17; Ruffner, 1. See Commission—Stickney, 8, 9. (A)
- Casey, Thomas Lincoln (U. S. M. A., 1879). Photograph in Albums of officers' mess.
- Project, plan, estimate, etc., for the improvement of Arthur Kill, N. Y. and N. J. Rept. Chief of Eng., 1889, pp. 86, 820. (C)
- East Rockaway Creek, N. Y. Rept. Chief of Eng., 1889, p. 841. (C)
- Hackensack River, N. J. Rept. Chief of Eng., 1889, p. 845. (C)
- Casey, Thomas Lincoln. Project, plan, estimate, etc., for the improvement of Passaic River above Newark, N. J. Rept. Chief of Eng., 1891, pp. 991, 992. (C)
- Princess Bay, Staten Island, N. Y. Rept. Chief of Eng., 1891, p. 1014. (C)
- Seaford Creek, Long Island, N. Y. Rept. Chief of Eng., 1893, p. 1134. (A)
- Channel connecting Freeport with Great South Bay, N. Y. Rept. Chief of Eng., 1893, p. 1136. (A)
- Whale Creek, N. J. Rept. Chief of Eng., 1893, p. 1139. (A)
- Harbor lines, Shrewsbury River, N. J. Rept. Chief of Eng., 1894, p. 824. (A)
- Carris River, N. Y. Rept. Chief of Eng., 1895, p. 1091. (A)
- Inlet at mouth of Sharks River, N. J. Rept. Chief of Eng., 1895, p. 1013.
- Lyons Creek, Va. Rept. Chief of Eng., 1895, p. 1297. (A)
- Deep Creek Branch of Elizabeth River, Va. Rept. Chief of Eng., 1895, p. 1299. (A)
- Western Branch of Elizabeth River, Va. Rept. Chief of Eng., 1895, p. 1301. (A)
- Nandua Creek, Va. Rept. Chief of Eng., 1895, p. 1302. (A)
- Norfolk Harbor and Western Branch of Elizabeth River. Rept. Chief of Eng., 1896, p. 1072. (A)
- waterway between Norfolk, Va., and the sounds of North Carolina. Rept. Chief of Eng., 1896, p. 1087. (A)
- Cashie River, N. C. Rept. Chief of Eng., 1897, p. 1381. (A)
- Potocasi Creek, N. C. Rept. Chief of Eng., 1897, p. 1383. (A)
- Hampton Roads, Va. Rept. Chief of Eng., 1900, p. 1785. (A)
- Red River, La. and Ark. Rept. Chief of Eng., 1900, p. 2489. (A)
- Onachita and Black rivers, Ark. and La. Rept. Chief of Eng., 1900, p. 2544. (A)
- Alexandria Strait, La. Rept. Chief of Eng., 1900, p. 2569. (A)
- Red River, La., Ark., Tex., and Ind. T. Rept. Chief of Eng., 1901, p. 2074. (A)
- Cass, G. W. (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1859.
- Cassatt, A. J. (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1892.
- Castle, Charles William (U. S. M. A., 1894). The Terrain. Jour. Mil. Serv. Inst. U. S., vol. 25, p. 1. (A)
- Spanish hasty intrenchments. Jour. Mil. Serv. Inst. U. S., vol. 26, p. 379.
- Caswell, Alexis (of Rhode Island). Member of Board of Visitors to U. S. M. A. in 1852.
- Catlin, Julius (of Connecticut). Member of Board of Visitors to U. S. M. A. in 1847.
- Catlin, Julius (U. S. M. A., 1824). Died July, 1827, aged —. Engraving (by J. C. Buttrel). Owned by Assoc. Grads. U. S. M. A.
- Catlin, Robert (U. S. M. A., 1863). Photograph in Albums of officers' mess.

Catlin, Robert. Treasurer U. S. M. A., Aug. 31, 1867, to Dec. 31, 1870.
 — Secretary of the Association of Graduates, U. S. M. A. and editor of its Annals from 1874 to 1878.
 — Terrestrial magnetism and meteorology (1877-78), compiler, at Toronto Observatory Canada, of some records on.
 — Relations of pain to weather. Contributor, in Jour. Med. Sci., 1877 and 1883.
 — Atmospheric electricity, magnetic storms, and weather elements in relation to a case of traumatic neuralgia. Published in vol. 6 Proc. Nat. Acad. Sci., 1891.
Cavanaugh, James Bates (U. S. M. A., 1862). Commerce passing St. Marys Falls Canal, Mich., 1895. Rept. Chief of Eng., 1896, p. 2762. (A)
 — Project, plan, estimate, etc., for the improvement of St. Marys River, Mich., harbor lines. Rept. Chief of Eng., 1896, p. 2809. (A)
 — Detroit River, Mich., harbor lines. Rept. Chief of Eng., 1896, p. 2901. (A)
 — See Boards—Mansfield, 2. (A)
Center, Alexander Jenkins (U. S. M. A., 1827). Died Nov. 2, 1879, aged 71. Obituary in Ann. Assoc. Grads. U. S. M. A., 1880. (A)
 — Project, plan, estimate, etc., for the improvement of Milwaukee Harbor, Wis. Rept. Chief of Eng., 1876, vol. 2, pp. 385, 387; 1879, p. 1523. (C)
Chalfin, Samuel Fletcher (U. S. M. A., 1847). Died Nov. 1, 1891, aged 60. Obituary in Ann. Assoc. Grads. U. S. M. A., 1892. (A)
Chamberlain, Benjamin Franklin (U. S. M. A., 1853). Died Dec. 26, 1871, aged 44. Obituary in Ann. Assoc. Grads. U. S. M. A., 1872. (A)
Chamberlin, John Loomis (U. S. M. A., 1880). Photograph in Albums of officers' mess.
Chambers, Alexander (U. S. M. A., 1853). Died Jan. 2, 1888, aged 55. Obituary in Ann. Assoc. Grads. U. S. M. A., 1888. (A)
Chambers, Joseph N. (U. S. M. A., 1818). Died Nov. 12, 1874, aged 76. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
Chambliss, Nathaniel Rives (U. S. M. A., 1861). Died Mar. 7, 1897, aged 62. Obituary in Ann. Assoc. Grads. U. S. M. A., 1897. (A)
Chapin, A. L. (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1873.
Chapin, Edward Silas (U. S. M. A., 1870). Died May 3, 1899, aged 52. Obituary in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
Chapin, Gurden (U. S. M. A., 1851). Died Aug. 22, 1875, aged 44. Obituary in Ann. Assoc. Grads. U. S. M. A., 1876. (A)
Chapman, Joseph G. (of Missouri). Member of Board of Visitors to U. S. M. A. in 1882.
Chapman, Robert M. (of Indiana). Member of Board of Visitors to U. S. M. A. in 1864.
Chapman, William (U. S. M. A., 1831). Died Dec. 17, 1887, aged 78. Engraving (by J. C. Buttre). Owned by Assoc. Grads. U. S. M. A. (A)
 — Obituary in Ann. Assoc. Grads. U. S. M. A., 1888. (A)

Chase, Leslie (U. S. M. A., 1838). Died Apr. 1849, aged —. Oration delivered before the corps of cadets, at West Point, July 4, 1837, by Cadet Leslie Chase. Newburgh, 1837. O., pp. 22. (A)
Chase, William Henry (U. S. M. A., 1815). Died Feb. 8, 1870, aged —. Brief memoir explanatory of a new trace of a front of fortification in place of the present bastioned front. New Orleans, 1846. 1 vol., O., pp. 14, pls. (A)
 — Letter of thanks, etc. U. S. Coast Survey Rept., 1852, p. 125. (A)
 — Member of Board of Visitors to U. S. M. A. in 1857.
 — Reply — to the strictures — upon the report of the late [1857] Board of Visitors at West Point. Pensacola, 1857. 1 vol., O., pp. 6. (A)
 — Project, plan, estimate, etc., for the improvement of Mississippi River at its mouth. Rept. Chief of Eng., 1874, vol. 1, pp. 781, 792, 794, 795, 806, 826, 827, 831, 841. (C)
Chase, William Howard (U. S. M. A., 1865). Died June 24, 1871, aged 27. Obituary in Ann. Assoc. Grads. U. S. M. A., 1872. (A)
Chenery, Richard (of California). Member of Board of Visitors to U. S. M. A. in 1867.
Cherry, Samuel Austin (U. S. M. A., 1875). Died May 11, 1881, aged 31. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
Chester, Eliphalet Nott (U. S. M. A., 1867). Died Nov. 16, 1898, aged 52. Obituary in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
 — Journalist, New York City, since 18—.
Chester, Dr. John (of Albany). Member of Board of Visitors to U. S. M. A. in 1824.
Chidlaw, Rev. Dr. B. W. (of Ohio). Member of Board of Visitors to U. S. M. A. in 1889.
Chief of Engineers, U. S. Army. Report on the condition of the fortifications [of the United States] and what number of them if any, can be dispensed with. O., pp. 24. Washington, 1881. [Senate Ex. Doc. No. 3, 47th Cong. 1st sess.]
 — Correspondence respecting pile foundations and pile-driving formulae. Circular No. 17, Office of the Chief of Engineers. U. S. Army, Nov. 28, 1881. 1 pl., Q., pp. 16.
 — Report of Board of Engineers (Casey, Elliot Adams) on strength etc., of Winder Building, Washington, D. C. Feb. 17, 1882. O., pp. 10.
Chiffelle, Thomas Philoteos (U. S. M. A., 1836). Died Apr. 27, 1891, aged 75. Obituary in Ann. Assoc. Grads. U. S. M. A., 1891. (A)
Childs, A. W. (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1836.
Childs, Frederick Lynn (U. S. M. A., 1855). Died June 10, 1894, aged 63. Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
Childs, George W. (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1887.
Chilton, Robert Hall (U. S. M. A., 1837). Died Feb. 18, 1879, aged 63. Obituary in Ann. Assoc. Grads. U. S. M. A., 1879. (A)

- Chittenden, Hiram Martin (U. S. M. A., 1884).
 Personal Equations. [An essay.] *In* Cadet
 Howitzer, 1884, p. 12.
- Platte, that portion of the Department of
 the, and adjacent territory west of the one
 hundred and third meridian 1889. (In 2
 sheets.) Topographical map.
- The Yellowstone National Park, histor-
 ical and descriptive. . . Cincinnati, 1895. 1
 vol., O. (A)
- Project, plan, estimate, etc., for the im-
 provement of canal connecting the waters of
 Lake Erie with the Ohio River through the
 State of Ohio. Rept. Chief of Eng., 1896,
 p. 2996. (A)
- Missouri River steamboat wrecks.
 Rept. Chief of Eng., 1897, p. 3870. (A)
- Osage River, Mo., lock no. 1. Rept.
 Chief of Eng., 1897, pp. 3933, 3946. (A)
- Wyoming and Colorado, reservoirs
 in. Rept. Chief of Eng., 1898, p. 2817. (A)
- Yellowstone National Park. Rept.
 Chief of Eng., 1900, p. 5493. (A)
- Military road, Fort Washakie, Wyo.,
 to mouth of Buffalo Fork of Snake River.
 Rept. Chief of Eng., 1900, p. 5453. (A)
- Sioux River, S. Dak. Rept. Chief
 of Eng., 1901, p. 2395. (A)
- Monument to Sergt. C. Floyd. Rept. Chief
 of Eng. 1900, p. 5455. (A)
- Reservoirs in the arid regions, 1897.
 Washington, U. S. Government publication.
- Reservoir system of the Great Lakes,
 1898.
- The American fur trade of the far West,
 1901.
- See Boards—Stickney, S. (A)
- Christianity, Isaac P. (of Michigan). Member
 of Board of Visitors to U. S. M. A. in 1862.
- Church, Albert E. (U. S. M. A., 1828). Died
 Mar. 30, 1878, aged 70. Crayon portrait, about
 life size. *In* department of mathematics, U. S.
 M. A., framed.
- Portrait (oil painting by D. Huntington).
 Presented by War Department, 1875. *In* the
 Library.
- Photograph. *In* Albums of officers' mess.
- Obituary. *In* Ann. Assoc. Grads. U. S.
 M. A., 1878. (A)
- Professor of mathematics, U. S. M. A., 1837-
 1878.
- Elements of differential and integral cal-
 culus. . . Imp. ed., containing the elements
 of the calculus of variations. New York, 1851.
 1 vol., O., viii+344 pp. (A)
- Rev. ed., containing the elements
 of the calculus of variations. New York, 1876.
 1 vol., O., xi+369 pp. (A)
- Elements of analytical geometry. . .
 New York, 1851. 1 vol., O. (A)
- Elements of analytical trigonometry.
 1857.
- Elements of descriptive geometry, with
 its applications to spherical projections, shades
 and shadows, perspective and isometric pro-
 jections. . . New York, 1870. 1 vol., O., vii
 +102 pp., and atlas, O. (A)
- Church, Albert E. Personal reminiscences of
 the Military Academy, from 1824 to 1831. . .
 West Point, 1879. 1 pam., 86 pp., O. (A)
- Church, William C. (of New York). Member of
 Board of Visitors to U. S. M. A. in 1900.
- Churchill, Marlborough (U. S. M. A., 1836).
 Died Oct. 21, 1880, aged 74. Obituary *in* Ann.
 Assoc. Grads. U. S. M. A., 1890. (A)
- Churchill, Richard Cuyler (U. S. M. A., 1866).
 Died June 24, 1879, aged 34. Obituary *in* Ann.
 Assoc. Grads. U. S. M. A., 1880. (A)
- Churchill, William Hunter (U. S. M. A., 1840).
 See notice of his life, pp. 67-71 of Life of Bvt.
 Brig. Gen. Sylvester Churchill, U. S. Army.
 New York, 1888. 1 vol., O. (A)
- Churchman, Clarke (U. S. M. A., 1898). Died
 July 2, 1898, aged 25. Obituary and portrait *in*
 Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Clark, Charles Hobart (U. S. M. A., 1875). Re-
 port on manufacture of caliber .30 ammuni-
 tion; Report on lubricated and nonlubricated
 bullets; Report on tests of bullet jackets of
 cupro-nickel steel and of German silver;
 Report of tests of smokeless powders. Rept.
 Chief of Ord., 1894.
- Report of chemical laboratory opera-
 tions; Report on erosion of .30 caliber rifles
 using smokeless powder; Report on penetra-
 tion of .30 caliber rifle bullets in wood, sand,
 etc. Rept. Chief of Ord., 1895.
- Skobelev's last campaign. Jour. Mil.
 Serv. Inst. U. S., vol. 13, p. 1113. (A)
- The bear, lion, and porcupine. Jour. Mil.
 Serv. Inst. U. S., vol. 14, p. 988. (A)
- Clark, Col. Emmons (of New York). Member
 of Board of Visitors to U. S. M. A. in 1880.
- Clark, James (of District of Columbia). Mem-
 ber of Board of Visitors to U. S. M. A. in 1861.
- Clark, James (U. S. M. A., 1829). Died Sept.
 9, 1885, aged 76. Obituary *in* Ann. Assoc. Grads.
 U. S. M. A., 1886. (A)
- Clark, Joseph Claypoole, jr. (U. S. M. A., 1848).
 Photograph *in* Albums of officers' mess.
- Clark, Meriwether Lewis (U. S. M. A., 1830).
 Died Oct. 28, 1881, aged 71. Obituary *in* Ann.
 Assoc. Grads. U. S. M. A., 1882. (A)
- Clark, T. H. (of Alabama). Member of Board
 of Visitors to U. S. M. A. in 1896.
- Clark, William Philo (U. S. M. A., 1868). Died
 Sept. 22, 1884, aged 39. Obituary *in* Ann.
 Assoc. Grads. U. S. M. A., 1885. (A)
- The Indian sign language with brief ex-
 planatory notes. . . 1 vol., O. 1885. 2 copies,
 1 among dup. (A)
- Clarke, Henry Francis (U. S. M. A., 1843). Died
 May 10, 1887, aged 66. Photograph *in* Albums
 of officers' mess.
- Obituary *in* Ann. Assoc. Grads. U. S.
 M. A., 1887. (A)
- Clarke, Powhatan Henry (U. S. M. A., 1884).
 Died July 21, 1893, aged 31. Obituary *in* Ann.
 Assoc. Grads. U. S. M. A., 1894. (A)
- Comment on revolvers and revolver prac-
 tice. Jour. Cav. Assoc., 1890, p. 222. (A)
- Remarks on the German cavalry. Jour.
 Cav. Assoc., 1892, p. 428. (A)

- Clarke, Powhatan Henry** — Comment on Queries on the cavalry equipment. *Jour. Mil. Serv. Inst. U. S.*, vol. 14, p. 111. (A)
- Clarke, William C.** (of New Hampshire) — Member of Board of Visitors to U. S. M. A. in 1854.
- Clary, Robert Emmet** (U. S. M. A., 1828). Died Jan. 10, 1890, aged 85. — *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1890. (A)
- Cleland, Thomas** (of Kentucky) — Member of Board of Visitors to U. S. M. A. in 1829.
- Clemens, Sherrard** (of Virginia) — Member of Board of Visitors to U. S. M. A. in 1854.
- Clinton, De Witt** (of New York) — Member of Board of Visitors to U. S. M. A. in 1815.
- Clitz, Henry Boynton** (U. S. M. A., 1845). Died Oct. 30, 1888, aged 64. — Photograph *in* Albums of officers' mess. (A)
- *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1890. (A)
- Commandant of cadets, U. S. M. A., 1860-1864.
- Closson, Henry Whitney** (U. S. M. A., 1854). — Morning reports and afternoon speculations. *Jour. Mil. Serv. Inst. U. S.*, vol. 5, p. 184. (A)
- A paper on military libraries. *Jour. Mil. Serv. Inst. U. S.*, vol. 15, p. 1121.
- Discussion of seacoast defense and the organization of our seacoast artillery forces. *Jour. U. S. Art.*, vol. 5, p. 188.
- Clous, John Walter**. Professor of law, U. S. M. A., 1890-1895.
- Cobb, Edmund Monroe** (U. S. M. A., 1870). Died Oct. 28, 1883, aged 36. — *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1884. (A)
- Cobb, James D.** (of Arkansas) (U. S. M. A., 1811). — Member of Board of Visitors to U. S. M. A. in 1850.
- Cobb, Joseph R.** (of Mississippi). — Member of Board of Visitors to U. S. M. A. in 1851.
- Coburn, John** (of House of Representatives). — Member of Board of Visitors to U. S. M. A. in 1873.
- Coburn, Joseph Leander** (U. S. M. A., 1834). Died Sept. 9, 1890, aged 81. — *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1891. (A)
- Cochran, Charles Herschell** (U. S. M. A., 1853). Died Sept. 20, 1892, aged 33. — *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1893. (A)
- Cocke, Philip St. George** (U. S. M. A., 1832). Died Dec. 26, 1861, aged —. — Plantation and farm instruction. 1852.
- Cockrell, Francis M.** (of Missouri). — Member of Board of Visitors to U. S. M. A. in 1887.
- Codman, Charles R.** (of Massachusetts). — Member of Board of Visitors to U. S. M. A. in 1885.
- Coe, Frank Winston** (U. S. M. A., 1892). — Exercises in descriptive geometry, shades, and shadows. West Point, 1902. 1 vol., O., 8 pp. (A)
- Coffin, Charles**. — Member of Board of Visitors to U. S. M. A. in 1833.
- Coffin, William Harrison** (U. S. M. A., 1873). — Photograph *in* Albums of officers' mess.
- Cogswell, J.** (of Connecticut). — Member of Board of Visitors to U. S. M. A. in 1835.
- Cogswell, Milton** (U. S. M. A., 1844). Died Nov. 30, 1882, aged 57. — Photograph *in* Albums of officers' mess. (A)
- *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1883. (A)
- Cort, Gordon S.** (of Connecticut). — Member of Board of Visitors to U. S. M. A. in 1885.
- Coke, Richard** (of Texas). — Member of Board of Visitors to U. S. M. A. in 1884.
- Cole, James Alfred** (U. S. M. A., 1884). — Notes on Cole's girth attachment. *Jour. Cav. Assoc.*, 1890, p. 435. (A)
- Comment on Queries on the cavalry equipment. *Jour. Mil. Serv. Inst. U. S.*, vol. 14, p. 390. (A)
- Cole, Robert Granderson** (U. S. M. A., 1880). Died Nov. 7, 1887, aged 50. — *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1888. (A)
- Collins, Charles Lee** (U. S. M. A., 1880). Died Sept. 7, 1890, aged 40. — *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Collins, Francis** (U. S. M. A., 1845). Died Aug. 31, 1882, aged 60. — *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1884. (A)
- Collins, S.** (of New Hampshire). — Member of Board of Visitors to U. S. M. A. in 1837.
- Combs, Leslie** (of Kentucky). — Member of Board of Visitors to U. S. M. A. in 1868.
- Comerys, Jo, P.** (of Delaware). — Member of Board of Visitors to U. S. M. A. in 1852.
- Cominge, H. P.** — Member of Board of Visitors to U. S. M. A. in 1834.
- Comly, Clifton** (U. S. M. A., 1862). Died Apr. 17, 1894, aged 52. — *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1894. (A)
- Instructor of ordnance and gunnery, U. S. M. A., 1881-1886.
- Objections to present method of making purchases. Rept. Chief of Ord., 1884, p. 112; 1890, p. 118; 1891, p. 108.
- Report to the Secretary of War on the operations of the Division of Military Engineering of the International Congress of Engineers. Oper. Div. Mil. Eng. Int. Cong. Eng., 1894, pp. 7-11. (A)
- Commission**. — Project, plan, estimate, etc., for the improvement of irrigation of Joaquin, Tulare, and Sacramento valleys, Cal. — Members: Lieut. Col. B. S. Alexander, Maj. G. H. Mendell. Rept. Chief of Eng., 1873, p. 115; 1874, p. 126. (A)
- Yellowstone National Park. — Member: Capt. H. M. Chittenden. Rept. Chief of Eng., 1900, p. 544. (A)
- Mississippi River. — Members: Col. C. B. Comstock, 1. Lieut. Col. C. R. Suter, Maj. O. H. Ernst, B. M. Harrod, R. S. Taylor, Henry Flad, H. L. Whiting. Rept. Chief of Eng., 1890, p. 3083; 1891, pp. 3497, 3446; 1892, p. 2881. (A)
- Mississippi River. — Members: Col. C. B. Comstock, 2. Lieut. Col. C. R. Suter, B. M. Harrod, R. S. Taylor, Maj. O. H. Ernst, Henry Flad, H. L. Whiting. Rept. Chief of Eng., 1893, p. 3545. (A)
- Mississippi River. — Members: Col. C. B. Comstock, 3. Lieut. Col. C. R. Suter, B. M. Harrod, R. S. Taylor, Henry Flad, Lieut. Col.

- A. Stickney, H. I. Whiting. Rept. Chief of Eng., 1894, p. 2697. (A)
- Commission. Project, plan, estimate, etc., for the improvement of Mississippi River. Members: Col. G. L. Gillespie, 1; Lieut. Col. A. Stickney, Maj. T. H. Handbury. Rept. Chief of Eng., 1900, p. 4525. (A)
- Mississippi River. Members: Col. G. L. Gillespie, 2; B. M. Harrod, R. S. Taylor, Lieut. Col. A. Stickney, Maj. T. H. Handbury, H. L. Marindin, J. A. Ockerson. Rept. Chief of Eng., 1899, p. 3291. (A)
- Mississippi River. Members: Col. G. L. Gillespie, 3; B. M. Harrod, R. S. Taylor, H. Flad, Lieut. Col. A. Stickney, Maj. T. H. Handbury, H. L. Marindin. Rept. Chief of Eng., 1898, p. 3137. (A)
- Mississippi River. Members: Col. G. L. Gillespie, 4; B. M. Harrod, R. S. Taylor, H. Flad, Lieut. Col. A. Stickney, H. L. Marindin. Rept. Chief of Eng., 1897, p. 3505. (A)
- Mississippi River. Members: Col. G. L. Gillespie, 5; B. M. Harrod, R. S. Taylor, H. Flad, H. I. Whiting, Lieut. Col. A. Stickney, Maj. T. H. Handbury. Rept. Chief of Eng., 1896, pp. 3403, 3430. (A)
- Mississippi River. Members: Col. G. L. Gillespie, 6; B. M. Harrod, R. S. Taylor, H. Flad, Lieut. Col. A. Stickney, H. I. Whiting. Rept. Chief of Eng., 1895, p. 3617. (A)
- Mississippi River. Members: Col. G. A. Gillmore, 1; Lieut. Col. C. B. Comstock, Maj. C. R. Suter, H. Mitchell, B. M. Harrod, B. Franklin, J. B. Eads, R. S. Taylor, S. W. Ferguson. Rept. Chief of Eng., 1881, pp. 2720, 2740; 1882, pp. 2745, 2762, 2780; 1883, pp. 2111, 2220; 1884, p. 2408; 1885, pp. 2535, 2539, 2859; 1886, p. 2143; 1887, pp. 2689, 2699, 2749, 2764. (A)
- Mississippi River. Members: Col. Q. A. Gillmore, 2; Col. C. B. Comstock, Lieut. Col. C. R. Suter, Maj. O. H. Ernst, B. M. Harrod, R. S. Taylor, S. W. Ferguson. Rept. Chief of Eng., 1888, p. 2191; 1889, p. 2593. (A)
- California rivers (débris). Members: Lieut. Col. D. P. Heap, Lieut. Col. W. H. Heuer, R. P. Johnson. Rept. Chief of Eng., 1902, p. 2443. (A)
- Cape Fear River, N. C. Members: Captain Humphreys, 1; Captain Franklin, Lieutenant Whiting. Rept. Chief of Eng., 1873, p. 810. (A)
- Moline, Ill. Members: Brigadier-General Humphrey, 2; Lieut. Col. H. G. Wright, Maj. H. L. Abbot. Rept. Chief of Eng., 1878, p. 749. (A)
- Yellowstone National Park. Member: Maj. W. A. Jones. Rept. Chief of Eng., 1892, p. 3450. (A)
- California rivers (Débris). Members: Col. S. M. Mansfield, 1; Maj. W. H. Heuer, Lieut. H. Deakyne. Rept. Chief of Eng., 1899, p. 3747. (A)
- California waters (Débrisin). Members: Col. S. M. Mansfield, 2; Lieut. Col. W. H. Heuer, Capt. H. Deakyne. Rept. Chief of Eng., 1900, p. 5007. (A)
- Commission. Project, plan, estimate, etc., for the improvement of water supply, Washington, D. C. Members: Maj. W. L. Marshall, 1; Capt. J. L. Lusk, Capt. D. D. Gaillard. Rept. Chief of Eng., 1896, p. 3932. (A)
- Water supply, Washington, D. C. Members: Maj. W. L. Marshall, 2; Capt. J. L. Lusk, Capt. D. D. Gaillard, A. Fteley, D. Fitzgerald. Rept. Chief of Eng., 1896, p. 3934. (A)
- California Débris Commission. Members: Col. G. H. Mendell, 1; Lieut. Col. W. H. H. Benyaurd, Maj. W. H. Heuer. Rept. Chief of Eng., 1891, p. 3199. (A)
- California Débris Commission. Members: Col. G. H. Mendell, 2; Lieut. Col. W. H. H. Benyaurd, Maj. W. H. Heuer. Rept. Chief of Eng., 1895, pp. 4049, 4052. (A)
- Duluth and Superior harbors. Members: Col. O. M. Poe, Maj. J. F. Gregory, Maj. C. B. Sears. Rept. Chief of Eng., 1895, p. 2539. (A)
- California rivers (Débris). Members: Col. J. A. Smith, Lieut. Col. W. H. Heuer, Capt. H. Deakyne. Rept. Chief of Eng., 1901, p. 3025. (A)
- Mississippi River, minority report. Member: Lieut. Col. A. Stickney. Rept. Chief of Eng., 1899, p. 3430. (A)
- Missouri River. Members: Lieut. Col. A. Stickney, 1; G. C. Broadhead, B. S. Berlin, Maj. W. H. Heuer, Maj. T. H. Handbury. Rept. Chief of Eng., 1899, p. 3759. (A)
- Missouri River. Members: Lieut. Col. A. Stickney, 2; G. C. Broadhead, Maj. T. H. Handbury, Maj. W. H. Heuer, C. L. Chaffee. Rept. Chief of Eng., 1897, p. 3837. (A)
- Missouri River. Members: Lieut. Col. A. Stickney, 3; G. C. Broadhead, Maj. T. H. Handbury, C. L. Chaffee, Maj. W. L. Marshall. Rept. Chief of Eng., 1898, p. 3459. (A)
- Missouri River. Members: Lieut. Col. A. Stickney, 4; G. C. Broadhead, Maj. T. H. Handbury, C. L. Chaffee, Maj. W. L. Marshall. Rept. Chief of Eng., 1899, p. 3655. (A)
- Missouri River. Members: Lieut. Col. A. Stickney, 5; Maj. T. H. Handbury, Maj. W. L. Marshall. Rept. Chief of Eng., 1900, p. 4935. (A)
- Mississippi River. Members: Lieut. Col. A. Stickney, 6; B. M. Harrod, R. S. Taylor, Maj. T. H. Handbury, H. L. Marindin, J. A. Ockerson. Rept. Chief of Eng. (supp.), 1901, p. 3. (A)
- Mississippi River. Members: Lieut. Col. A. Stickney, 7; G. C. Broadhead, Maj. T. H. Handbury, C. H. Chaffee, Maj. W. L. Marshall. Rept. Chief of Eng. (supp.), 1901, p. 365. (A)
- Missouri River. Members: Col. A. Stickney, 8; B. M. Harrod, R. S. Taylor, H. L. Marindin, J. A. Ockerson, Lieut. Col. H. M. Adams, Maj. T. L. Casey. Rept. Chief of Eng. (supp.), 1902, p. 3. (A)
- Missouri River. Members: Col. A. Stickney, 9; G. C. Broadhead, C. H. Chaffee, Maj. W. L. Marshall, Maj. T. L. Casey. Rept. Chief of Eng. (supp.), 1902, p. 175. (A)

- Commission.** Project, plan, estimate etc. for the improvement of Missouri River. Members: Lieut. Col. C. R. Suter, 1; Maj. A. Mackenzie, Maj. O. H. Ernst, W. J. Broutch, G. C. Broadhead. Rept. Chief of Eng., 1888, p. 2313; 1889, p. 2741; 1890, p. 3361. (A)
- Missouri River. Members: Lieut. Col. C. R. Suter, 2; Maj. A. Mackenzie, Maj. O. H. Ernst, G. C. Broadhead, R. S. Berlin. Rept. Chief of Eng., 1892, p. 3251. (A)
- Missouri River. Members: Lieut. Col. C. R. Suter, 3; Lieut. Col. A. Mackenzie, Maj. O. H. Ernst, G. C. Broadhead, R. S. Berlin. Rept. Chief of Eng., 1893, p. 3021. (A)
- Missouri River. Members: Lieut. Col. C. R. Suter, 4; Lieut. Col. A. Mackenzie, G. C. Broadhead, R. S. Berlin, Maj. C. J. Allen. Rept. Chief of Eng., 1894, pp. 3075, 3193, 3195. (A)
- Missouri River. Members: Lieut. Col. C. R. Suter, 5; Lieut. Col. A. Mackenzie, G. C. Broadhead, R. S. Berlin, Maj. C. J. Allen. Rept. Chief of Eng., 1895, p. 3057. (A)
- California rivers (Débris). Members: Col. C. R. Suter, 6; Maj. C. E. L. B. Davis, Capt. C. E. Gillette. Rept. Chief of Eng., 1896, p. 3501. (A)
- California rivers (Débris). Members: Col. C. R. Suter, 7; Maj. C. E. L. B. Davis, Capt. C. E. Gillette. Rept. Chief of Eng., 1897, p. 3661. (A)
- California rivers (Débris). Members: Col. C. R. Suter, 8; Maj. W. H. Heuer, Lieut. H. Deakyn. Rept. Chief of Eng., 1898, p. 3549. (A)
- Comstock, Cyrus Ballou** (U. S. M. A., 1855). Photograph in Albums of officers' mess.
- Treasurer U. S. M. A., Jan. 18 to July 27, 1861.
- Reports of the inspection of the South Pass improvement of the Mississippi River 1st rept., Nov. 20, 1875; 2d rept. [April], 1879; 3d rept., June 9, 1876; 4th rept., Sept. 20, 1879; 5th rept., Dec. 6, 1876; 6th rept., April 5, 1877.
- Notes on European surveys [compiled under his direction]. Washington, 1876. Q. Explorations and Surveys.
- Project, plan, estimate, etc., for the improvement of McCargo's Cove, Isle Royale, Lake Superior, Mich. Rept. Chief of Eng., 1876, vol. 2, p. 320. (C)
- Memphis Harbor, Teun. Rept. Chief of Eng., 1891, p. 258. (C)
- Chattahoochee River, Ga. and Ala. Rept. Chief of Eng., 1891, p. 1758. (C)
- Sucarnoochee River, Ala. Rept. Chief of Eng., 1891, p. 1803. (C)
- Bayou Carlin, La. Rept. Chief of Eng., 1891, p. 1839. (C)
- Bayou Teche, La. Rept. Chief of Eng., 1891, p. 1852. (C)
- Mississippi River. Rept. Chief of Eng., 1891, p. 2074. (C)
- Clarendon and Lower White rivers, Ark. Rept. Chief of Eng., 1892, p. 1794. (C)
- Mississippi River, "change of plane." Rept. Chief of Eng., 1893, p. 3564. (C)
- Comstock, Cyrus Ballou.** Report on the Fifth Congress of International Navigation, held at Paris July 21 to July 31, 1892. O. Washington, 1892. Misc. Papers, vol. 3.
- Survey of Northern and Northwestern Lakes. Portfolio. Detroit River, 1 chart; Erie, Lake, 12 charts; Huron, Lake, 8 charts; Mackinac, Straits of, 1 chart; Michigan, Lake, 15 charts; Ontario, Lake, 6 charts; St. Clair, Lake, 1 chart; St. Clair River, 1 chart; St. Lawrence River, 6 charts; St. Marie River, 3 charts; Superior, Lake, 14 charts. (A)
- Primary triangulation of the U. S. Lake Survey. *In* Pop. Sci. Monthly, vol. 23, p. 423.
- Fort Fisher and vicinity, surveyed under the direction of.
- and Wilson, James Harrison. Military map. Vicksburg, siege of, by the United States forces under the command of Maj. Gen. U. S. Grant, U. S. Volunteers; Maj. F. E. Prime, chief engineer; surveyed and constructed under the direction of Capt. C. B. Comstock, U. S. Engineers and Lieut. Col. J. H. Wilson, A. I. G., first lieutenant engineers.
- See Boards—Comstock; Abbott, 1, 4, 6, 9, 10, 11, 12, 14, 16, 18, 20, 21; Barnard, 6, 4, 5; Casey, 3, 4, 6, 8, 13; Craighill, 10, 17, 22, 24; Duane, 1, 2, 3, 4, 5, 6; Maccomb, 9; Newton, 6; Parker, 1, Stewart, 5, 6; Warren, 11; Woodruff, 11, 12; Wright, 3. See Commissions—Comstock; Gilmore, 1, 2.
- Condict, Lewis.** Member of Board of Visitors to U. S. M. A. in 1827.
- Conger, Omar D.** (of Michigan.) Member of Board of Visitors to U. S. M. A. in 1884.
- Conklin, John, jr.** (U. S. M. A., 1884). The development of naval armor. *Jour. Mil. Serv. Inst.* U. S., vol. 11, p. 614. (A)
- Notes on light artillery material. *Jour. Mil. Serv. Inst.* U. S., vol. 21, p. 290. (A)
- Conkling, F. A.** (of New York). Member of Board of Visitors to U. S. M. A. in 1865.
- Conkling, Roscoe** (of New York). Member of Board of Visitors to U. S. M. A. in 1870.
- Conline, John** (U. S. M. A., 1870). Recollections of the battle of Antietam and the Maryland campaign.
- Connell, Thomas Walter** (U. S. M. A., 1894). Obituary and portrait *in* Bumpus (E. C.): To the memory of my son, E. A. Bumpus, first lieutenant, Ninth U. S. Infantry, and of his companions in arms . . . n. p., n. d. 1 vol. O. 122 pp. (ports.). (A)
- Conrad, Joseph Speed** (U. S. M. A., 1857). Died Dec. 4, 1891, aged 58. Photograph in Albums of officers' mess. (A)
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1892.
- Conway, J. S.** (of Arkansas). Member of Board of Visitors to U. S. M. A. in 1838.
- Cook, Philip** (of Georgia). Member of Board of Visitors to U. S. M. A. in 1881.
- Cook, William** (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1840.
- Cooke, Philip St. George** (U. S. M. A., 1827). Died Mar. 20, 1895, aged 86. Obituary *in* Ann. Assoc. Grads., U. S. M. A., 1895. (A)

- Cooke, Philip St. George. Journal of march from Santa Fe, N. Mex., to San Diego, Cal 1849. No. 517, doc. 41. (C)
- Scenes and adventures in the Army; or, Romance of military life. Philadelphia, 1850. 1 vol., O. (A)
- Cavalry tactics or regulations for the instruction . . . of the cavalry of the Army and volunteers of the United States. Washington, 1862. 1 vol., O. (A)
- — New York, 1883. 1 vol., O. (A)
- New cavalry tactics. 1884
- Conquest of New Mexico and California. 1 vol., O. 1878. (A)
- The charge of Cooke's cavalry at Gaines's Mill. Century Mag., vol. 30, p. 777.
- Coombs, William Henry (U. S. M. A., 1868). Died Dec. 8, 1900, aged 54. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Cooper, David (of Minnesota). Member of Board of Visitors to U. S. M. A. in 1861.
- Cooper, Samuel (U. S. M. A., 1815). Died Dec. 14, 1876, aged 81. Engraving (by O'Neill). Owned by Assoc. Grads. U. S. M. A. (A)
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1877.
- (Macomb, Maj. Gen. Alexander). Concise system of instructions and regulations for the militia and volunteers of the United States, comprehending the exercises and movements of the infantry, light infantry, riflemen, cavalry, and artillery. 16°. 1836. (A)
- Reports as Adjutant-General U. S. Army, 1852-1861.
- Copeland, Joseph T. (of Michigan). Member of Board of Visitors to U. S. M. A. in 1860.
- Coppeé, Henry (U. S. M. A., 1845). Died Mar. 21, 1895, aged 74. Photograph *in* Albums of officers' mess.
- Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1895. (A)
- Obituary by J. G. Rosengarter. Extract from Proc. Amer. Phil. Soc., vol. 34 (1895), p. 357. (A)
- Member of Board of Visitors to U. S. M. A. in 1868.
- Librarian U. S. M. A. 1853.
- Contributor to the principal reviews and magazines in the United States after 1848.
- Elements of logic, designed as a manual of instruction. 1858.
- Edited a Gallery of famous poets. 1858.
- Author of several military works. 1858-1867.
- Elements of rhetoric. 1850.
- Select academic speaker. 1861.
- Edited a Gallery of famous poetesses. 1861.
- Translator of Marmont's *Esprit des institutions militaires*. 1862.
- Evolutions of the line. 1862.
- The field manual of evolutions (infantry) . . . Sequel to the authorized U. S. infantry tactics. Philadelphia, 1862. 1 vol., O., pp. 144. (A)
- Coppeé, Henry. Review of Boynton's history of West Point. *In* North Amer. Rev., vol. 98 (1864), pp. 530-550. (A)
- Editor U. S. service magazine. 1864-1866.
- Compiler of Songs of praise in the Christian centuries. 1866.
- Grant and his campaigns. A military biography . . . 1 vol., O. 1866. (A)
- English literature considered as an interpreter of English history. 1873.
- History of the conquest of Spain by the Arab-Moors, with a sketch of the civilization which they achieved and imparted to Europe. 1881.
- General Thomas . . . New York, 1893. Great commanders. Series. 1 vol., O. (A)
- Obituary of Washington Irving. Proc. Amer. Phil. Soc., vol. 7, p. 363. (A)
- Flax culture. Proc. Amer. Phil. Soc., vol. 9, p. 26.
- Obituary of O. M. Mitchell. Proc. Amer. Phil. Soc., vol. 9, p. 147.
- Editor of the American edition of the Comte de Paris's *Guerre civile en Amérique*.
- Manual of courts-martial.
- Usefulness of West Point, *N. Amer. Rev.*, vol. 98, p. 530.
- Cordray, David Price (U. S. M. A., 1801). Topographical map of West Point, 1888. Scale, 1:10,000. *In* the drawing academy. (A)
- Cosley, James Lawrence (U. S. M. A., 1850). Died, Mar. 28, 1883, aged 50. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1883. (A)
- Corthell, Charles Loring (U. S. M. A., 1884). Died, Nov. 14, 1893, aged 31. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Cosby, George P. Member of Board of Visitors to U. S. M. A. in 1886.
- Cosby, Spencer (U. S. M. A., 1891). Project, plan, estimate, etc., for the improvement of Zuckerton Creek, N. J. Rept. Chief of Eng., 1897, p. 1231. (A)
- Wading River, N. J. Rept. Chief of Eng., 1897, p. 1234. (A)
- Beach Thoroughfare, N. J. Rept. Chief of Eng., 1897, p. 1236. (A)
- Warrior River, Ala.; locks and dams Nos. 1, 2, and 3. Rept. Chief of Eng., 1902, p. 1294. (A)
- See Boards—Hains, 4. (A)
- Cottman, Thomas (of Louisiana). Member of Board of Visitors to U. S. M. A. in 1865.
- Cotton, Gilbert Parker (U. S. M. A., 1867). Company papers. Jour. Mil. Serv. Inst. U. S., vol. 14, p. 755. (A)
- Proximity of England to the United States, etc. Jour. Mil. Serv. Inst. U. S., vol. 10, p. 434. (A)
- Couch, Darius Nash (U. S. M. A., 1846). Died Feb. 12, 1897, aged 74. Engraving (by J. C. Buttre). Owned by Assoc. Grads. U. S. M. A.
- Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1897. (A)
- Counselman, Jacob Henry (U. S. M. A., 1863). Died Feb. 21, 1875, aged 35. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1875. (A)

- Courtenay, Edward Henry (U. S. M. A., 1821).
Professor of natural and experimental philosophy U. S. M. A., 1828-29, 1829-1833.
— Elementary treatise on mechanics. Translated from the French of M. Boncharlat, with additions and emendations, designed to adapt it to the use of the cadets of the U. S. M. A., 1833.
— On the difference of longitude of several places in the United States as determined by . . . the solar eclipse of Nov. 30, 1834. Trans. Amer. Phil. Soc. U. S., vol. 3, p. 343. (A)
— Treatise on the differential and integral calculus and on the calculus of variations. New York, 1855. 1 vol. O., 3 copies. (A)
— Services in section 4, p. 46; Services in computing division, p. 131. U. S. Coast Survey Rept., 1862. (A)
— Services in section 1, p. 26; In section 3, p. 37; In computing division, p. 50. U. S. Coast Survey Rept., 1863. (A)
— See Boncharlat, J. L. Elementary treatise on mechanics.
- Courtenay, W. A. (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1857.
- Cousins, Robert G. (of Iowa). Member of Board of Visitors to U. S. M. A. in 1866.
- Couts, Cave Johnson (U. S. M. A., 1813). Died June 10, 1874, aged 53. Obituary in Ann. Assoc. Grads. U. S. M. A., 1874. (A)
- Cox, C. C. (of Maryland). Member of Board of Visitors to U. S. M. A. in 1865.
- Cox, Samuel S. (of New York). Member of Board of Visitors to U. S. M. A. in 1872.
- Coxe, Robert Edward (U. S. M. A., 1870). Died June 15, 1892, aged 42. Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Cradlebaugh, George William (U. S. M. A., 1867). Died Nov. 28, 1875, aged 32. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Craig, George H. (of Alabama). Member of Board of Visitors to U. S. M. A. in 1864.
- Craig, Louis Aleck (U. S. M. A., 1874). Photograph in Albums of officers' mess.
- Craig, Robert, translator (U. S. M. A., 1866).
Hermite's. A new balloon material. Jour. Mil. Serv. Inst. U. S., vol. 22, p. 147. (A)
- Craig, William (U. S. M. A., 1853). Died May 27, 1886, aged 56. Obituary in Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- Craighill, William Edward (U. S. M. A., 1885).
Project, plan, estimate, etc., for the improvement of Greenwich Harbor, Conn. Rept. Chief of Eng., 1895, p. 861. (A)
— Byram Harbor, Conn. Rept. Chief of Eng., 1895, p. 863. (A)
— Milton Harbor, at Milton Point, N. Y. Rept. Chief of Eng., 1895, p. 868. (A)
— Echo Bay and New Rochelle Harbor, N. Y. Rept. Chief of Eng., 1895, p. 869. (A)
— Cold Spring Harbor, N. Y. Rept. Chief of Eng., 1895, p. 875. (A)
— Woodsburg channel, Hempstead Bay, N. Y. Rept. Chief of Eng., 1895, p. 879. (A)
- Craighill, William Edward. Project, plan, estimate, etc., for the improvement of Westfort Harbor, Conn. Rept. Chief of Eng., 1896, p. 810. (A)
— Cape Lookout Harbor of Refuge, N. C. Rept. Chief of Eng., 1897, p. 1430. (A)
- Craighill, William Price (U. S. M. A., 1833).
Photograph in Albums of officers' mess.
— Treasurer, U. S. M. A., July 27, 1861, to June 24, 1862; Oct. 28, 1862, to June 6, 1863; June 22 to Aug. 31, 1864.
— Instructor of practical engineering U. S. M. A., June 22 to Aug. 31, 1864.
— Translator (jointly with Capt. G. H. Mendell) of General Jomini's Précis de l'art de la guerre. Philadelphia, 1862. 1 vol. O.
— The army officer's pocket companion; principally designed for staff officers in the field. . . . New York, 1862. 1 vol. O. (A)
— Translator of Dufour's Cours de tactique, 1863.
— Strategy and tactics. Translated from the latest French edition of Gen. G. H. Dufour. New York, 1864. 1 vol. O.
— Project, plan, estimate, etc., for the improvement of Baltimore Harbor, Md. Rept. Chief of Eng., 1866, vol. 2, pp. 24, 25, 233, 244; 1866, vol. 4, pp. 232, 234; 1867, pp. 42, 417, 420, 422; 1872, p. 67; 1873, pp. 72, 761; 1879, pp. 492, 494; 1881, p. 804; 1886, p. 871; 1887, pp. 860, 881; 1888, p. 756; 1891, p. 134, 1895, p. 1202. (A)
— Susquehanna River, near Havre de Grace, Md. Rept. Chief of Eng., 1866, vol. 2, p. 27; 1867, pp. 42, 419, 425, 427, 428; 1871, pp. 500, 591; 1873, p. 758; 1879, p. 487. (C)
— Susquehanna River, above and below Havre de Grace, Md. Rept. Chief of Eng., 1867, pp. 42, 419, 427; 1880, pp. 617, 621; 1882, p. 838. (C)
— James River, Va. Rept. Chief of Eng., 1871, pp. 73, 604, 606; 1872, p. 691; 1874, vol. 2, pp. 30, 41; 1882, pp. 871, 876; 1885, p. 947; 1886, p. 138; 1887, p. 867; 1891, p. 1234. (C)
— Queenstown, Md. Rept. Chief of Eng., 1871, pp. 75, 612, 614; 1879, p. 488. (C)
— Potomac River. Rept. Chief of Eng., 1871, pp. 502, 505, 1872, pp. 68, 688. (C)
— Rappahannock River, Va. Rept. Chief of Eng., 1871, p. 506; 1872, p. 689. (C)
— Rappahannock River, near Fredericksburg, Va. Rept. Chief of Eng., 1871, p. 506; 1872, p. 689; 1873, pp. 74, 770; 1874, vol. 1, p. 84; 1874, vol. 2, pp. 30, 33, 35. (C)
— Roanoke River, N. C. Rept. Chief of Eng., 1871, p. 600; 1872, pp. 695, 697, 727; 1885, p. 996. (C)
— Cape Fear River, N. C. Rept. Chief of Eng., 1871, p. 610; 1874, vol. 2, p. 79; 1875, vol. 2, p. 90; 1879, pp. 81, 557. (C)
— Cambridge Harbor, Md. Rept. Chief of Eng., 1871, pp. 614, 616, 618; 1874, vol. 1, p. 82; vol. 2, p. 24; 1879, p. 501; 1887, p. 832. (C)
— James River and Kanawha Canal. Rept. Chief of Eng., 1871, pp. 625, 635, 637, 650; 1873, p. 829; 1874, vol. 2, pp. 88, 100, 117, 128; 1877, p. 754. (C)

- Craighill, William Edward. Project, plan, estimate, etc., for the improvement of Wicomico River, Md. Rept. Chief of Eng., 1871, pp. 661, 663; 1872, p. 685; 1875, vol. 2, p. 70; 1879, pp. 503, 504. (C)
- Accotink Creek, Va. Rept. Chief of Eng., 1872, pp. 68, 71, 670, 688. (C)
- Aquia Creek, Va. Rept. Chief of Eng., 1872, pp. 69, 71, 688, 708; 1873, pp. 74, 77; 1874, vol. 1, p. 37; 1875, vol. 2, p. 121. (C)
- Chesapeake and Delaware bays. Rept. Chief of Eng., 1872, p. 702; 1879, pp. 589, 590; 1880, pp. 715, 725. (C)
- Neabsco Bay, Va. Rept. Chief of Eng., 1872, pp. 708. (C)
- Elizabeth River, South Branch, Va. Rept. Chief of Eng., 1872, pp. 716, 718; 1873, p. 75; 1874, vol. 2, p. 58. (C)
- Norfolk Harbor, Va. Rept. Chief of Eng., 1872, pp. 717, 718. (C)
- Nansemond River, Va. Rept. Chief of Eng., 1872, p. 723. (C)
- Neuse River, N. C. Rept. Chief of Eng., 1872, p. 734. (C)
- Washington and Georgetown harbors, D. C. Rept. Chief of Eng., 1873, pp. 73, 767. (C)
- Nomini Creek, Va. Rept. Chief of Eng., 1873, pp. 75, 774, 822; 1874, vol. 2, p. 38. (C)
- Chester River at Kent Island Narrows, Md. Rept. Chief of Eng., 1873, pp. 790, 817, 818, 825; 1874, vol. 2, p. 17; 1875, vol. 1, p. 86; vol. 2, p. 64; 1876, vol. 1, p. 63, 284; 1877, pp. 57, 273; 1888, p. 133. (C)
- Occoquan River, Va. Rept. Chief of Eng., 1873, pp. 768, 820, 825; 1880, p. 754. (C)
- Elk River, Md. Rept. Chief of Eng., 1874, pp. 15, 82, 83; 1880, p. 622. (C)
- Appomattox River, Va. Rept. Chief of Eng., 1874, vol. 2, pp. 46, 47. (C)
- Old-House channel, Pamlico sound, N. C. Rept. Chief of Eng., 1874, vol. 2, p. 85. (C)
- Transportation routes to the seaboard, central route, third subdivision. Rept. Chief of Eng., 1874, vol. 2, pp. 88, 100, 117, 128; 1875, vol. 2, pp. 90, 95; 1876, vol. 2, pp. 158, 163, 164; 1877, pp. 676, 682, 684, 696, 697, 703, 709, 718, 727, 743, 747, 749. (C)
- Kanawha River (Great), W. Va. Rept. Chief of Eng., 1875, vol. 1, p. 89; vol. 2, pp. 90, 91, 92, 93, 94, 95, 638; 1876, vol. 2, pp. 158, 163, 164; 1877, pp. 303, 676, 745; 1879, pp. 547, 550; 1882, pp. 828, 829; 1886, pp. 280, 281; 1892, pp. 2043, 2056. (C)
- Breton Bay, Leonardtown, Md. Rept. Chief of Eng., 1875, vol. 2, p. 108; 1880, p. 757; 1885, p. 965; 1891, p. 1255; 1892, p. 1045. (C)
- Elk River, W. Va. Rept. Chief of Eng., 1876, vol. 2, pp. 166, 171; 1879, p. 555; 1880, p. 691; 1881, p. 147; 1885, p. 286; 1895, p. 2467. (C)
- Pocomoke River, Md. Rept. Chief of Eng., 1879, pp. 505, 506, 509, 510; 1881, p. 889. (C)
- Annapolis Harbor, Md. Rept. Chief of Eng., 1879, pp. 574, 575, 577, 578; 1881, p. 872; 1885, p. 134. (C)
- Craighill, William Edward. Project, plan, estimate, etc., for the improvement of Patapsco River, Western Branch. Rept. Chief of Eng., 1879, p. 580. (C)
- Susquehanna River, Md., above and below Havre de Grace. Rept. Chief of Eng., 1880, p. 621. (C)
- Northeast River, Md. Rept. Chief of Eng., 1880, p. 621. (C)
- Choptank River, Md. Rept. Chief of Eng., 1880, p. 636; 1887, p. 94; 1891, p. 1160; 1892, p. 972. (C)
- Secretary Creek, Md. Rept. Chief of Eng., 1880, p. 637. (C)
- Treadhaven Creek, Md. Rept. Chief of Eng., 1880, p. 639. (C)
- Broad Creek, Del. Rept. Chief of Eng., 1880, p. 641; 1883, p. 681. (C)
- Shenandoah River, Va. and W. Va. Rept. Chief of Eng., 1880, pp. 666, 667; 1885, p. 957. (C)
- Tuckahoe Creek, Md. Rept. Chief of Eng., 1880, p. 738. (C)
- Slaughter Creek, Md. Rept. Chief of Eng., 1880, p. 740. (C)
- Nanticoke River, Del. and Md. Rept. Chief of Eng., 1880, p. 742; 1887, p. 842. (C)
- Chincoteague Inlet, Va. Rept. Chief of Eng., 1880, p. 743. (C)
- Chester River, Md., from Sprys Landing to Crompton. Rept. Chief of Eng., 1881, p. 857; 1883, pp. 133, 667; 1886, p. 130. (C)
- Corsica Creek, Md. Rept. Chief of Eng., 1882, p. 842. (C)
- Deals Island, Md. Upper thoroughfare between island and mainland. Rept. Chief of Eng., 1882, p. 856; 1883, p. 680. (C)
- Broad Creek, Md. Rept. Chief of Eng., 1882, p. 948. (C)
- Skipton Creek, Md. Rept. Chief of Eng., 1882, p. 949; 1885, p. 908. (C)
- Bush River, Md. Rept. Chief of Eng., 1882, p. 950. (C)
- Bridge at Charleston, W. Va. Rept. Chief of Eng., 1883, p. 1592; 1884, p. 1797; 1888, pp. 2572, 2574. (C)
- Pungateague Creek, Va. Rept. Chief of Eng., 1884, p. 953. (C)
- Dividing Creek, Md. Rept. Chief of Eng., 1884, pp. 962, 963. (C)
- Greenbrier River, W. Va. Rept. Chief of Eng., 1885, p. 1867. (C)
- Coal River, W. Va. Rept. Chief of Eng., 1887, p. 1932. (C)
- Meherrin River, N. C. Rept. Chief of Eng., 1885, p. 773. (C)
- Meadow River, W. Va. Rept. Chief of Eng., 1888, p. 1762. (C)
- Mahon River, Del. Rept. Chief of Eng., 1889, p. 909. (C)
- Wetipquin River, Md. Rept. Chief of Eng., 1889, p. 910. (C)
- South East River, Md. Rept. Chief of Eng., 1889, p. 913. (C)
- Occohannock River, Va. Rept. Chief of Eng., 1889, p. 913. (C)

- Craighill, William Edward. Project, plan, estimate, etc., for the improvement of Nassetwaddox River, Va. Rept. Chief of Eng., 1886, p. 918. (C)
- Hospital Point, Va. Rept. Chief of Eng., 1889, p. 668. (C)
- Quantico Creek, Va. Rept. Chief of Eng., 1889, p. 1030. (C)
- Ware River, Va. Rept. Chief of Eng., 1880, p. 1034. (C)
- Machodoc River, Va. Rept. Chief of Eng., 1889, p. 1037. (C)
- Roanoke River, Va. and N. C. Rept. Chief of Eng., 1889, p. 1040; 1891, p. 1331. (C)
- South Branch of Patapsco River, Md. Rept. Chief of Eng., 1893, p. 1263. (A)
- Harbor at Claiborne, Md. Rept. Chief of Eng., 1895, p. 1200. (A)
- Big Coal and Little Coal rivers, W. Va. Rept. Chief of Eng., 1895, p. 2466. (A)
- Notes on guns afloat and guns ashore. Essays on Club Papers, No. 6. 1868. (A)
- A paper on the relations of the Corps of Engineers to the Army, and on the sixty-third article of war. Washington, 1860.
- Photographs illustrating the improvement of the Great Kanawha River, Va., under his direction. 7 sheets in portfolio. 1879-80.
- Reports upon building monument at Yorktown, Va. O. Washington, 1882-1885. Misc. Papers, vol. 3.
- Annual report upon the improvement of certain rivers and harbors. 1884. See Engineer Dept., U. S. Army, Chief of Engineers, 1884, Annual Report, App. I
- Great Kanawha River, W. Va., detailed drawings of lock and dam No. 7 (in 16 sheets). 1892.
- Reports as Chief of Engineers, 1895-1897.
- See Boards—Craighill; Abbott, 9, 10, 17, 24; Barnard, 4, 2; Blunt, 1; Casey, 1, 7, 12, 16; Gillmore, 1, 2, 3; Gillespie, 5; Hains, 9; Humphreys, 2; Mendell, 17; Merrill, 2; Simpson, 3; Stewart, 5, 6; Tower, 1; Woodruff, 5, 9; Wright, 5. (A)
- Cram, Thomas Jefferson (U. S. M. A., 1826). Died Dec. 20, 1883, aged 80. Obituary in Ann. Assoc. Grads. U. S. M. A., 1884. (A)
- Triangulation sec. 1. U. S. Coast Survey Rept., 1847, p. 12; 1849, pp. 20, 21; 1851, p. 36; 1852, p. 18; 1853, p. 29. (A)
- Reconnaissance and triangulation sec. 1. U. S. Coast Survey Rept., 1848, pp. 22, 23. (A)
- Triangulation Portsmouth, Isle of Shoals. U. S. Coast Survey Rept., 1850, p. 17. (A)
- Elevations of stations. U. S. Coast Survey Rept., 1852, p. 15. (A)
- Heights and coefficients of refraction. U. S. Coast Survey Rept., 1853, p. 29. (A)
- Notice of his experiments on measurement of heights, p. 10; Synopsis, pp. 39, 42; Cram abstract, pp. *95-103. U. S. Coast Survey Rept., 1854. (A)
- Triangulation of Pamlico Sound, North Carolina. U. S. Coast Survey Rept., 1850, p. 57; 1860, p. 52. (A)

- Cram, Thomas Jefferson. Project, plan, estimate, etc., for the improvement of Erie (Presque Isle) Harbor, Pa. Rept. Chief of Eng., 1866, vol. 1, pp. 4, 20, 21, 24; 1869, vol. 3, pp. 4, 31; 1866, vol. 4, pp. 1, 2; 1867, pp. 31, 189, 1847; 1868, p. 43. (C)
- Chicago Harbor, Ill. Rept. Chief of Eng., 1866, vol. 1, pp. 5, 10, 24; 1866, vol. 4, p. 114; 1867, pp. 86, 258, 259; 1868, p. 111; 1869, p. 28; 1870, p. 101; 1874, vol. 1, p. 150. (C)
- St. Joseph Harbor, Mich. Rept. Chief of Eng., 1866, vol. 1, pp. 5, 10; 1866, vol. 4, p. 110. (C)
- Sandusky City Harbor, Ohio. Rept. Chief of Eng., 1866, vol. 1, pp. 5, 24; 1866, vol. 4, pp. 34, 73; 1867, p. 143. (C)
- Vermillion Harbor, Ohio. Rept. Chief of Eng., 1866, vol. 1, pp. 5, 20, 27, 29; 1866, vol. 3, p. 5; 1866, vol. 4, pp. 20, 27, 73; 1867, pp. 143, 148, 216, 217, 230; 1868, p. 40. (C)
- Grand River Harbor, Fairport, Ohio. Rept. Chief of Eng., 1866, vol. 1, pp. 13, 21, 22, 24; 1866, vol. 4, p. 73; 1867, pp. 141, 217, 221. (C)
- Cleveland Harbor, Ohio. Rept. Chief of Eng., 1866, vol. 1, pp. 13, 22, 23; 1866, vol. 3, pp. 5, 20; 1866, vol. 4, p. 73; 1867, p. 252. (C)
- Racine Harbor, Wis. Rept. Chief of Eng., 1866, vol. 1, pp. 17, 24; 1866, vol. 4, p. 121. (C)
- Milwaukee Harbor, Wis. Rept. Chief of Eng., 1866, vol. 1, p. 18. (C)
- Sheboygan Harbor, Wis. Rept. Chief of Eng., 1866, vol. 1, pp. 19, 24; 1866, vol. 3, pp. 12, 67, 75. (C)
- Black River Harbor, Ohio. Rept. Chief of Eng., 1866, vol. 1, p. 23; 1866, vol. 4, p. 26; 1867, p. 142; 1868, pp. 150, 151. (C)
- Monroe Harbor (Raisin River), Mich. Rept. Chief of Eng., 1866, vol. 1, pp. 32, 33; 1866, vol. 4, p. 40; 1867, p. 148; 1868, p. 145; 1872, p. 239; 1873, p. 309; 1874, p. 215. (C)
- Frankfort (Aux Bees Seies) Harbor, Mich. Rept. Chief of Eng., 1866, vol. 1, pp. 34, 36; 1881, p. 2201; 1887, p. 2179. (C)
- Ashtabula Harbor, Ohio. Rept. Chief of Eng., 1866, vol. 2, p. 41; 1866, vol. 3, pp. 4, 32; 1866, vol. 4, pp. 10, 12, 73; 1867, pp. 149, 239, 233; 1868, pp. 159, 160; 1899, p. 140; 1870, p. 186. (C)
- Toledo Harbor, Ohio. Rept. Chief of Eng., 1866, vol. 3, pp. 6, 33, 63; 1866, vol. 4, pp. 38, 73; 1867, pp. 28, 144, 239, 254; 1868, pp. 147, 151; 1869, pp. 118, 119, 123. (C)
- St. Clair Flats and Ship Canal, Mich. Rept. Chief of Eng., 1866, vol. 3, p. 34; 1866, vol. 4, pp. 47, 49, 51, 53, 57, 58, 73; 1867, pp. 28, 145, 189, 254, 255; 1868, pp. 38, 142, 144. (C)
- St. Marys River and St. Marys Falls Canal, Mich. Rept. Chief of Eng., 1866, vol. 3, p. 34; 1866, vol. 4, pp. 65, 66, 67, 73; 1867, pp. 148, 239, 255; 1868, pp. 36, 140, 151; 1869, pp. 34, 106, 107, 113, 115; 1870, p. 163. (C)
- Conneaut Harbor, Ohio. Rept. Chief of Eng., 1866, vol. 4, pp. 7, 69; 1867, pp. 149, 148; 1867, vol. 4, p. 139; 1880, pp. 2169, 2170. (C)
- Huron Harbor, Ohio. Rept. Chief of Eng., 1866, vol. 4, p. 31; 1867, p. 142; 1868, pp. 149-151. (C)

- Cram, Thomas Jefferson. Project, plan, estimate, etc., for the improvement of Sandusky River, Ohio. Rept. Chief of Eng., 1866, vol. 4, pp. 36, 37; 1867, p. 28. (C)
- Saginaw River, Mich. Rept. Chief of Eng., 1866, vol. 4, pp. 59, 61; 1867, p. 146; 1868, p. 141; 1869, p. 110. (C)
- Buffalo Harbor, N. Y. Rept. Chief of Eng., 1867, pp. 32, 68, 137, 193, 194; 1868, pp. 205, 207, 243. (C)
- Dunkirk Harbor, N. Y. Rept. Chief of Eng., 1867, pp. 137, 138, 221; 1868, pp. 19-205. (C)
- Au Sable River Harbor, Mich. Rept. Chief of Eng., 1867, pp. 147, 149, 151; 1868, p. 141; 1869, p. 107; 1885, p. 2133. (C)
- Port Clinton Harbor, Ohio. Rept. Chief of Eng., 1868, pp. 154, 155. (C)
- Report upon the decay and preservation of timber. O. Washington, 1871. Misc. Papers, vol. 1.
- See U. S. Coast Survey Rept., 1858, p. 41; 1861, pp. 21, 42, 84. (A)
- See Boards.
- Crane, Charles Judson (U. S. M. A., 1877). Photograph in Albums of officers' mess.
- Infantry fire—its uses in battle. Pub. U. S. Inf. Soc., vol. 1, No. 1 (March, 1894).
- Comment on Hawkin's Outline of manual infantry drill. Jour. Mil. Serv. Inst. U. S., vol. 11, p. 490. (A)
- New drill regulations for infantry. Jour. Mil. Serv. Inst. U. S., vol. 13, p. 1148. (A)
- Drill. Jour. Mil. Serv. Inst. U. S., vol. 14, p. 784. (A)
- Comment on Discipline, etc. Jour. Mil. Serv. Inst. U. S., vol. 17, p. 443. (A)
- The new infantry rifle. Jour. Mil. Serv. Inst. U. S., vol. 19, p. 488. (A)
- Crane, Col J. B. Member of Board of Visitors (inspection) to U. S. M. A. in 1844.
- Cranston, Arthur (U. S. M. A., 1867). Died Apr. 29, 1873, aged 30. Obituary in Ann. Assoc. Grads. U. S. M. A., 1873. (A)
- Crawford, T. Hartley. Member of Board of Visitors to U. S. M. A. in 1833.
- Creamer, T. J. (of House of Representatives). Member of Board of Visitors to U. S. M. A. in 1875.
- Creden, Samuel George (U. S. M. A., 1895). Died Feb. 9, 1896, aged 24. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Cree, John Kirby (U. S. M. A., 1885). Notice of Wilson's Photographic mosaics and of the American annual of photography and photographic times almanac for 1867. Jour. U. S. Art., vol. 7, p. 139.
- Notice of the American annual of photography and photographic times almanac for 1868, p. 359; Notice of the Process year book for 1897, vol. 3, p. 360. Jour. U. S. Art., vol. 8.
- Notice of the International annual of Anthony's photographic bulletin and American process book for 1898. Jour. U. S. Art., vol. 9, p. 113.
- War and its modern instruments—Influence on the air-ship of war. In North Amer. Rev., vol. 162 (1896), p. 75. (A)
- Cressey, Edward Potter (U. S. M. A., 1858). Died June 21, 1890, aged 63. Obituary in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Crilly, Col Francis J. (of Pennsylvania) (U. S. M. A., 1859). Member of Board of Visitors to U. S. M. A. in 1869.
- Crimmins, John D. (of New York). Member of Board of Visitors to U. S. M. A. in 1864.
- Crispin, Silas (U. S. M. A., 1850). Died Feb. 27, 1880, aged 61. Obituary in Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Improvements of seacoast carriages, p. 130; Carriages for heavy guns, proposed changes in, p. 131; Description of Sinclair's recoil-check for seacoast carriages, p. 133; Arsenal of construction near New York recommended by board, p. 158. Rept. Chief of Ord., 1874. (C)
- Cartridge box, submitted by Monger, p. 77; Rifles, 8 and 9 inch, record of firing, p. 116. Rept. Chief of Ord., 1875. (C)
- 8 and 9 inch, conversion of 10-inch S. B. into, rifles, p. 55; History of conversion of 10-inch S. B. guns into 8-inch and 9-inch rifles, p. 55; No. 1, fabrication of, rifle, 8-inch converted, p. 58; No. 2, steel lined, description rifle, 8-inch converted, p. 63; No. 3, wrought-iron lined, description of, rifle, 9-inch converted, p. 68; No. 4, steel lined, description of, rifle, 9-inch converted, p. 70; Moffatt B. L. rifled field gun, caliber 3.07 inch, description and trial, p. 86; Mann B. L. rifle, caliber 8.4 inches, description and trial, p. 90; Sutcliffe, B. L. rifled field gun, caliber 3.15 inch, description and trial, p. 94; Thompson B. L. rifle, caliber 12-inch, description, p. 96; Sutcliffe B. L. rifle, caliber 9-inch, description, p. 108; Projectiles, process of lead coating, chemically, Russian method, p. 113; Recommendations of board on plans of arsenals, p. 211. Rept. Chief of Ord., 1876. (C)
- Deterioration of powder caused by storage in seacoast forts. Rept. Chief of Ord., 1876, p. 263; 1877, p. 605. (C)
- Deau patent bronze gun, p. 653; Description of carriage for 12-inch rifle, p. 657; Rifle, 12-inch, cast iron, lined with wrought-iron tube, progress report, p. 663. Rept. Chief of Ord., 1877. (C)
- Rifle, 10-inch, converted from 13-inch S. B., coiled wrought-iron tube, M. L., construction report, p. 347; Rifle, 8-inch M. L., converted from 10-inch S. B., coiled wrought-iron tube, breech insertion, having a jacket shrunk on tube extending through breech, construction report, p. 351; Construction report, rifle, 8-inch B. L., p. 357; Tests of Whitworth's fluid compressed steel for 8-inch B. L. rifle, p. 366; Pyrometer, hydro-, for measuring temperature of cast-iron casing in converting smooth bores into rifles description, p. 374; Carriage altered for 8-inch B. L. rifle, p. 378½. Rept. Chief of Ord., 1875. (C)
- M. L. rifle, 11-inch, converted from 15-inch S. B., construction report, p. 61; Rifles, 3-inch B. L., converted, construction report, p. 67; Rifles, 3.16-inch M. L. chambered, construction report, p. 71; Rifle, 3.17-inch M. L., rapid twist, construction report, p. 13; Gas checks

- for B. L. rifles, p. 74; Alterations in carriage for 12-inch rifle, p. 75; Rifle, 4 5/8 inch proposed chambered, p. 77; Flank defense, carriage for Hotchkiss revolving cannon, p. 163. Rept. Chief of Ord., 1879. (C)
- Crispin, Silas.** Construction report, rifle, 3.18-inch, B. L. chambered, p. 42; M. L. rifle, 8-inch converted, No. 20, breech insertion, rapid twist, construction report, p. 47; M. L. chambered, breech insertion, construction report, rifle, 8-inch converted, p. 48. Rept. Chief of Ord., 1880. (C)
- B. L. chambered, construction report, rifle, 11-inch converted, p. 382; M. L. chambered, construction report, rifle, 11-inch converted, p. 391; B. L. chambered, round wedge ferniture, construction report, rifle, 8-inch converted, p. 395; Rifle, 3.2-inch B. L. chambered, construction report of 3, p. 400; Chambered, progress report on construction of 4 rifles, 12-inch B. L., p. 435; Howitzer, 12-inch B. L. chambered, rifled, description and construction report, p. 439; Progress report on "plant" for manufacturing 12-inch B. L. rifles at South Boston Foundry, p. 441; Tests of steel used in converting S. B. guns into B. L. rifles at West Point Foundry, p. 442; Experimental cannon, progress report on, powders, p. 482. Rept. Chief of Ord., 1881. (C)
- Armstrong gun, description, etc., p. 211; Woolwich guns, description, etc., p. 211; Method of securing ends of, wire for guns, Pl. XXIII, p. 211; Report on European ordnance and manufactures, English heavy ordnance, p. 211; Whitworth guns, description, etc., p. 237; French heavy ordnance, report of, p. 240; Schultz wire gun, report of, p. 251; De Bange ferniture, p. 257. Rept. Chief of Ord., 1882. (C)
- Proposed model of 12 and 15 inch guns. Ord. Note 30, vol. 1, p. 187. (A)
- Descriptive articles on the 80-ton steam hammers of Creusot and St. Chamond. Ord. Note, 333, vol. 11. (A)
- Crittenden, Alexander Parker** (U. S. M. A., 1836). Died Nov. 5, 1870, aged 55. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1871. (A)
- Crittenden, George Bibb** (U. S. M. A. 1832). Died Nov. 27, 1880, aged 69. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Crittenden, John J.** (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1861.
- Cronkhite, Adelbert** (U. S. M. A., 1882). Gun-nery for noncommissioned officers. . . . 24°. New York 1893. (A)
- Crook, George** (U. S. M. A., 1852). Died Mar. 21, 1890, aged 62. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1890; Harper's New Monthly Mag., vol. 81 (1890), p. 157. (A)
- Memorial addresses. (In *Memorial Memorial services.*) O., pam. Omaha, 1890. (A)
- King (Charles); The Fifth Cavalry in the Sioux war of 1876. Campaigning with Crook . . . 1 vol., O., 1880. (A)
- Address to the graduates U. S. M. A. . . . class of 1884. n. p. n. d. 1 vol., O., pp. 7. (A)
- Crook, George Bourke** (Capt. John C.). On the border with Crook . . . New York 1870. 1 vol., O. (A)
- The Apache problem. Jour. Mil. Serv. Inst. U. S., vol. 7, p. 357. (A)
- Crosby, J. Schuyler** (of Montana). Member of Board of Visitors to U. S. M. A. in 1883.
- Crosby, Oscar Terry** (U. S. M. A. 1882). Project plan, estimate, etc., for the improvement of canal connecting Bayou Teche with Grand Lake at Charenton, La. Rept. Chief of Eng., 1886, pp. 1250, 1257; 1887, p. 1375. (C)
- Bayou La Fourche, La. Rept. Chief of Eng., 1886, pp. 1267, 1274, 1275; 1887, p. 1366. (C)
- Bayou Plaquemine, La. Rept. Chief of Eng., 1887, pp. 1407, 1412. (C)
- Discussion of Parkhurst electricity and the art of war. Jour. U. S. Art., vol. 1, p. 361.
- Author of several technical papers.
- and Bell, Louis. The electric railway in theory and practice. O. New York, 1892. (A)
- Crosman, George Hampton** (U. S. M. A., 1823). Died May 28, 1882, aged 84. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1882. (A)
- Cross, Osborn** (U. S. M. A., 1825). Died July 15, 1876, aged 73. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- Report to Quartermaster-General, in form of journal of march to Oregon. III. *In* Rept. Secretary of War, 1850, pp. 196-244. No. 587 doc. 1. (C)
- Trial, 1850. 1860
- Cross, Col. Trueman.** Member of Board of Visitors (inspection) to U. S. M. A. in 1844.
- Crozet, Claude.** Portrait (oil painting by J. C. Beckwith). Presented by U. S. M. A., 1902.
- Oil portrait by J. C. Beckwith. In library U. S. M. A. (Framed.)
- Professor of civil and military engineering, 1817-1823.
- Crozier, William** (U. S. M. A. 1876). Photograph *in* Albums of officers' mess.
- Rifle, 10-inch B. L. cast-iron, wire-wrapped, progress, construction report, p. 359; Report on winding and dismantling an experimental wire-wound gun cylinder, p. 411. Rept. Chief of Ord., 1886. (C)
- Notes on cast-iron mortars. Disadvantage of weight and unreliability of cast-iron guns. Rept. Chief of Ord., 1890, p. 717. (C)
- Some observations on the Pekin relief expedition. *In* North Amer. Rev., vol. 172 (1901), p. 225.
- Deduction of the stresses at any point in the section of a hollow tube subjected to any interior and exterior fluid pressure. Notes Constr. Ord. No. 35, vol. 2, p. 43. (A)
- On winding and dismantling on experimental wire-wound gun cylinder. Notes Constr. Ord. No. 38, vol. 2, p. 1. (A)
- Probability of fire. Notes Constr. Ord. No. 47, vol. 2, p. 1. (A)
- On the rifling of guns. Notes Constr. Ord. No. 49, vol. 2, p. 1. (A)

- Crozier, William. Design for an experimental carriage for a 7-inch B. L. siege howitzer. Notes Constr. Ord. No. 57, vol. 3, p. 1. (A)
- Cruse, Thomas (U. S. M. A., 1879). Mexico and her military resources. Jour. Cav. Assoc., 1892, p. 111. (A)
- Culbertson, Michael Simpson (U. S. M. A., 1830). Numerous works of religious literature in Chinese and English. 1844-1862
- Translator of the Bible into Chinese. 1851-1862.
- Cullom, Shelby M. (of Illinois). Member of Board of Visitors to U. S. M. A. in 1888 and in 1893.
- Cullum, George Washington (U. S. M. A., 1833). Died Feb. 28, 1892, aged 83. Portrait (oil painting). Presented by George W. Cullum. In memorial hall, West Point.
- Presented by War Department, 1875. In cadet mess hall.
- Steel-engraved portrait as frontispiece to his Register of Graduates, vol. 4 (1900). (A)
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1892; Harper's New Monthly Mag., vol. 84 (1892), p. 909. (A)
- Numerous biographical, historical, and geographical papers, 1833-1890.
- Treasurer U. S. M. A., Mar. 25 to July 28, 1848.
- Instructor of practical engineering, U. S. M. A., 1848-1851, 1852-1855.
- Sixteenth superintendent from Sept. 8, 1864, to Aug. 28, 1866. Reports as Supt. U. S. M. A., 1864-1866.
- Description of a system of military bridges with india-rubber pontons. Prepared for the use of the U. S. Army. Prof. Papers Corps of Eng. U. S. A., No. 4. New York and Philadelphia, 1849. (A)
- Systems of military bridges in use by the U. S. Army, those adopted by the great European powers, and such as are employed in British India, with directions for the preservation, destruction, and reestablishment of bridges. O. New York, 1863. (A)
- Translator of Duparcq's Elements of military art and history. 1803.
- Biographical register of the officers and graduates of the U. S. M. A. at West Point, N. Y., from its establishment, Mar. 10, 1802, to the army reorganization of 1866-67, by Bvt. Maj. Gen. George W. Cullum, colonel, Corps of Engineers U. S. Army. New York, 1868. O. [In 2 vols.: Vol. 1, 1802-1840; vol. 2, 1841-1867.]
- from its establishment in 1802 to 1890, with the early history of the U. S. M. A. by Bvt. Maj. Gen. George W. Cullum, colonel of Engineers, U. S. Army, retired. 3d ed., rev. and extended. Boston and New York, 1891. O. [In 3 vols.: Vol. 1, Nos. 1-1000; vol. 2, Nos. 1001-2000; vol. 3, Nos. 2001-3384.]
- from its establishment in 1802 to 1890, with the early history of the Military Acad., vols. 1 to 3. 3d ed. . . . Vol. 4, supplement, 1890-1900. 4 vols., O. 1891-1901.
- Cullum, George Washington. Death of Col. James Monroe. n. p. 1870. 1 vol., O. (A)
- Biographical sketch of Maj. Gen. Richard Montgomery of the Continental Army . . . n. p., 1870. 1 vol., O., 16 pp. (A)
- Memoir of Bvt. Maj. Gen. Robert Ogden Tyler, U. S. Army. Philadelphia, 1878. 1 vol., Q., pp. 120. (A)
- Campaigns of the war of 1812-1815, against Great Britain . . . With brief biographies of the American Engineers . . . 1 vol., O. 1879.
- Paper on the land of Egypt. (Amer. Geog. Soc.) New York, 1881. 1 vol., O., pp. 30. (A)
- The valley of the Loire and its historic chateaux. O., pp. 42. New York, 1884.
- Historical sketch of the fortification defenses of Narragansett Bay since the founding in 1638 of the colony of Rhode Island. Washington, 1884. Reprinted in Jour. U. S. Art., vol. 8, pp. 51, 186.
- Bequest of, for memorial hall at West Point, 1892. No. 2901, doc. 103; No. 2901, doc. 89; No. 2915, doc. 1038. (C)
- Will of General Cullum. In Bull. Assoc. Grads. U. S. M. A., No. 1 (1900), p. 43.
- The struggle for the Hudson, being Chap. IV of Winsor's Narrative and critical history of America, vol. 6, pp. 275-366. (A)
- The early history of the U. S. M. A. In vol. 3, p. 465, Cullum's Biographical register of officers and graduates U. S. M. A.
- Biographical sketches of deceased graduates of the U. S. M. A. Misc. Pamphlets, vol. 9.
- Edgar A. Poe at West Point. In Harper's Mag., vol. 45, p. 561, footnote. (A)
- Cummings, Alexander (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1861.
- Cummings, Amos J. (of New York). Member of Board of Visitors to U. S. M. A. in 1890.
- Cunningham, Arthur Sinclair (U. S. M. A., 1856). Died July 26, 1885, aged 50. Obituary in Ann. Assoc. Grads. U. S. M. A. 1886. (A)
- Curteius, Fred. W. (of Michigan). Member of Board of Visitors to U. S. M. A. in 1842.
- Curtis, Henry B. (of Ohio). Member of Board of Visitors to U. S. M. A. in 1873.
- Curtis, Henry M. (of Ohio). Member of Board of Visitors to U. S. M. A. in 1900.
- Curtis, Herbert Pelham. Professor of law, U. S. M. A., 1882-1886.
- Curtis, Joseph R. (of California). Member of Board of Visitors to U. S. M. A. in 1852.
- Curtis, Newton M. (of New York). Member of Board of Visitors to U. S. M. A. in 1894.
- Curtis, Samuel R. (U. S. M. A., 1831). Died Dec. 26, 1866, aged 60. Engraving (by J. C. Buttre). Owned by Assoc. Grads. U. S. M. A.
- Bronze equestrian statues, by Carl Rohl Smith, at Keokuk and Des Moines, Iowa.
- Curtis, James (U. S. M. A., 1851). Died Jan. 19, 1878, aged 47. Obituary in Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Cushing, Samuel Tobey (U. S. M. A., 1860). Died July 21, 1901, aged 62. Reports as Commissary-General, U. S. Army, 1898.

- Cushman, John E. (of Mississippi). Member of Board of Visitors to U. S. M. A. in 1855.
- Custer, George Armstrong (U. S. M. A., 1861). Died June 25, 1876, aged 37. Portrait. (Frontispiece. Boots and saddles, by L. B. Custer.) New York, 1885. 1 vol., O.
- Engraving. Owned by Assoc. Grads. U. S. M. A.
- Enlarged photograph in a group. *See* Sheridan, Philip Henry. In memorial hall.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1877. (A)
- Gen. George A. Custer, by T. R. Davis. *Harper's New Monthly Mag.*, vol. 36 (1868), p. 301. (A)
- Author of various magazine articles, 1868-1876.
- My life on the plains. 1874.
- Act of Congress, Dec. 21, 1878, authorizes the use of 20 bronze cannon toward erecting a monument to him at West Point. (A)
- Wild life on the plains and horrors of Indian warfare. 1 vol., O. St. Louis, 1886. (A)
- Life of, in Elizabeth B. Custer's Tenting on the plains. New York, 1887. 1 vol., O., por. (A)
- Tenting on the plains; or, General Custer in Kansas and Texas. By Elizabeth B. Custer. *Atlantic Monthly*, vol. 62 (1888), p. 424.
- Gen. George A. Custer. Biography. *Harper's New Monthly Mag.*, vol. 81 (1890), p. 378.
- Battle of Washita River. No. 1360 docs. 13, 18, 36, 40. (C)
- Contributor to the "Galaxy," "Turf, Field and Farm," and "Forest and Stream"
- *See* Custer, Mrs. Elizabeth B. Boots and saddles, 1885; Tenting on the plains, 1887; Following the guidon, 1890. *Also* Whittaker. (F.) Life of Custer. New York, 1876.
- Cutbush, James. Professor of chemistry, mineralogy, and geology, U. S. M. A., 1820-1823.
- A system of pyrotechny. Philadelphia, 1825. 1 vol., O. (A)
- Cutcheon, Byron M. (of Michigan). Member of Board of Visitors to U. S. M. A. in 1899
- Cuyler, James Wayne (U. S. M. A. 1864). Died Apr. 16, 1883, aged 42. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1883. (A)
- Project, plan, estimate, etc., for the improvement of Duluth Harbor, Minn. Rept. Chief of Eng., 1879, pp. 38, 113, 125, 1879, p. 1472. (C)
- Appomattox River, Va. Rept. Chief of Eng., 1879, p. 524. (C)
- Annapolis Harbor, Md. Rept. Chief of Eng., 1879, p. 575. (C)
- Patapsco River, western branch. Rept. Chief of Eng., 1879, pp. 580, 584. (C)
- Big Sandy River, W. Va. and Ky. Rept. Chief of Eng., 1880, p. 1828; 1881, p. 1981, 1883, p. 1560; 1884, p. 1750; 1887, p. 1824. (C)
- Tradewater River, Ky. Rept. Chief of Eng., 1881, p. 1994; 1888, p. 1747. (C)
- Licking River, Ky. Rept. Chief of Eng., 1882, p. 1695. (C)
- Dahlgren, Paul (U. S. M. A. 1868). Died Mar. 23, 1870, aged 30. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1870. (A)
- Dalton, Gen. Samuel of Massachusetts. Member of Board of Visitors to U. S. M. A. in 1892.
- Damrell, Andrew Neaf (U. S. M. A., 1864). Project, plan, estimate, etc., for the improvement of Pensacola Harbor, Fla. Rept. Chief of Eng., 1879, pp. 101, 804, 81, 1877, p. 411, 1878, pp. 79, 688; 1880, p. 1027; 1881, p. 1177; 1884, p. 1192; 1886, p. 1180. (C)
- Apalachicola River and Bay. Rept. Chief of Eng., 1873, pp. 648, 669; 1874, vol. 1, p. 809; 1875, vol. 2, p. 9, 1878, p. 501; 1879, p. 823. (C)
- Chattahoochee and Flint rivers. Rept. Chief of Eng., 1874, pp. 730, 704-707, 821; 1874, vol. 1, p. 807; 1879, pp. 816, 818, 819, 820. (C)
- Choctawhatchee River, Fla. Rept. Chief of Eng., 1874, vol. 1, pp. 75, 806; 1875, pp. 1, 51; 1878, vol. 2, p. 9; 1879, p. 493; 1877, p. 413, 1878, p. 590. (C)
- Tombigbee and Black Warrior rivers, Ala. and Miss. Rept. Chief of Eng., 1878, vol. 1, p. 17; 1876, vol. 1, pp. 495, 497; 1879, p. 832; 1880, p. 1085; 1888, pp. 1108, 1204; 1889, pp. 1438, 1439; 1890, pp. 170, 1720, 1721; 1892, pp. 1450, 1451. (C)
- Alabama River, Ala. Rept. Chief of Eng., 1879, vol. 1, pp. 408, 507; 1878, p. 51; 1879, p. 829; 1885, p. 203. (C)
- Mississippi River to the Gulf. Rept. Chief of Eng., 1879, vol. 1, p. 513; 1879, vol. 2, pp. 513, 514. (C)
- Mobile Harbor, Ala. Rept. Chief of Eng., 1877, pp. 60, 408; 1879, pp. 100, 500; 1880, pp. 1050, 1060, 1060. (C)
- Apalachicola Bay, Fla. Rept. Chief of Eng., 1879, p. 823; 1888, p. 1258; 1887, p. 1205. (C)
- Escambia and Conecuh rivers, Ala. and Fla. Rept. Chief of Eng., 1879, pp. 853, 856; 1880, p. 1082. (C)
- Suwanee River, Fla. Rept. Chief of Eng., 1879, pp. 857, 862, 863; 1886, p. 1143; 1892, p. 1394. (C)
- Caloosahatchee River, Fla. Rept. Chief of Eng., 1879, pp. 864, 869; 1883, p. 1003; 1885, p. 1273; 1887, p. 1236. (C)
- Tampa Bay, Fla. Rept. Chief of Eng., 1879, p. 871; 1880, p. 1077; 1886, p. 1180; 1887, p. 1245. (C)
- Noxbee River, Miss. Rept. Chief of Eng., 1880, p. 1093; 1887, pp. 1329, 1343. (C)
- Pease River, Fla. Rept. Chief of Eng., 1880, pp. 1100, 1101. (C)
- Charlotte Harbor and Pease Creek, Fla. Rept. Chief of Eng., 1880, pp. 1100, 1106. (C)
- Withlacoochee River, Fla. Rept. Chief of Eng., 1880, p. 1111. (C)
- Pea River, Ala. Rept. Chief of Eng., 1880, p. 1121. (C)

- Damrell, Andrew Neaf. Project, plan, estimate, etc., for the improvement of Black Warrior River from Tuscaloosa to Daniels Creek, Ala. Rept. Chief of Eng., 1881, pp. 1215, 1220; 1885, p. 1354; 1886, p. 1199. (C)
- Sipsey River, Ala. Rept. Chief of Eng., 1881, p. 1221; 1890, p. 1724. (C)
- Coosa River, Ga. and Ala. Rept. Chief of Eng., 1881, p. 1222. (C)
- Tallapoosa River, Ala. Rept. Chief of Eng., 1881, p. 1230; 1887, p. 1285; 1890, p. 1649. (C)
- Finhalloway River, Fla. Rept. Chief of Eng., 1882, p. 1302. (C)
- Wacissa and Aucilla rivers, Fla. Rept. Chief of Eng., 1882, p. 1303; 1886, pp. 1220, 1221. (C)
- Chipola River, Fla. Rept. Chief of Eng., 1882, p. 1304. (C)
- Ocklockonee River, Fla. Rept. Chief of Eng., 1882, p. 1307. (C)
- Blackwater River and East Bay, Fla. Rept. Chief of Eng., 1882, p. 1310. (C)
- Tombigbee River, above Columbus, Miss. Rept. Chief of Eng., 1882, pp. 1312, 1313. (C)
- Crooked River, Fla. Rept. Chief of Eng., 1882, p. 1314. (C)
- Dog Island Harbor, Fla. Rept. Chief of Eng., 1882, p. 1314. (C)
- Key West Harbor, northwest entrance, Fla. Rept. Chief of Eng., 1882, p. 1314; 1884, p. 1167; 1887, p. 1221. (C)
- Bayou La Grange, Fla. Rept. Chief of Eng., 1882, p. 1318; 1887, p. 1268. (C)
- Ship Island Harbor, Miss. Rept. Chief of Eng., 1882, p. 1321. (C)
- Manatee River, Fla. Rept. Chief of Eng., 1882, p. 1321; 1883, p. 1028; 1886, p. 1151. (C)
- Biloxi Harbor, Miss. Rept. Chief of Eng., 1882, pp. 1322, 1323; 1884, p. 1217; 1885, p. 1361. (C)
- Pascagoula River, Miss. Rept. Chief of Eng., 1882, p. 1324. (C)
- Horn Island Pass, Miss. Rept. Chief of Eng., 1882, pp. 1324, 1325; 1885, p. 1362; 1895, p. 1714. (C)
- Old Town Creek, Miss. Rept. Chief of Eng., 1882, pp. 1329, 1327. (C)
- Cahaba River, Ala. Rept. Chief of Eng., 1883, p. 996; 1886, p. 202; 1887, p. 1287; 1892, p. 1432. (C)
- Cedar Keys to Clearwater Harbor, Fla. Rept. Chief of Eng., 1884, p. 1220. (C)
- St Marks River, Fla. Rept. Chief of Eng., 1884, p. 1222. (C)
- Dauphin Island and Cedar Point, Ala. Rept. Chief of Eng., 1884, pp. 1220, 1231. (C)
- Homosassa Bay, Fla. Rept. Chief of Eng., 1885, p. 1373. (C)
- Handsborough, Miss. Rept. Chief of Eng., 1885, p. 1374. (C)
- Damrell, Andrew Neaf. Project, plan, estimate, etc., for the improvement of bridges of the Selma and New Orleans Railroad and the Alabama Central Railroad. Rept. Chief of Eng., 1888, pp. 2551, 2553. (C)
- Gulf Port Harbor, Miss. Rept. Chief of Eng., 1889, p. 1461. (C)
- Bluff Creek, Miss. Rept. Chief of Eng., 1889, p. 1461; 1892, p. 1457. (C)
- Leaf River, Miss. Rept. Chief of Eng., 1889, p. 1462; 1892, p. 1458. (C)
- Chickasahay River, Miss. Rept. Chief of Eng., 1889, p. 1465; 1891, p. 1791; 1892, p. 1456. (C)
- Bayou Chitta (Bogue Chitto), La. Rept. Chief of Eng., 1889, p. 1466; 1891, p. 220; 1892, p. 1466. (C)
- Sacarnoochee River, Ala. Rept. Chief of Eng., 1891, p. 1862. (C)
- Mississippi Sound. Rept. Chief of Eng., 1893, p. 1783. (A)
- Back Bay, Biloxi, Miss. Rept. Chief of Eng., 1893, p. 1784. (A)
- Pearl River, Miss. Rept. Chief of Eng., 1893, p. 1791. (A)
- Noxuee River, Miss. Rept. Chief of Eng., 1895, p. 1715. (A)
- channel between Mobile Bay and Mississippi Sound. Rept. Chief of Eng., 1895, pp. 1717, 1718, 1719. (A)
- Rockland Harbor, Me. Rept. Chief of Eng., 1896, p. 581. (A)
- Chandlers River Me. Rept. Chief of Eng., 1897, p. 799. (A)
- Union River, Me. Rept. Chief of Eng., 1897, p. 800. (A)
- Penobscot River, Me. Rept. Chief of Eng., 1897, p. 802. (A)
- Boothbay Harbor, Me. Rept. Chief of Eng., 1897, p. 803. (A)
- Oyster River, N. H. Rept. Chief of Eng., 1897, p. 804. (A)
- Machias River, Me. Rept. Chief of Eng., 1897, p. 809. (A)
- Bangor Harbor and Penobscot River, Me. Rept. Chief of Eng., 1897, p. 811. (A)
- Harraseeket River, Me. Rept. Chief of Eng., 1897, p. 815. (A)
- Royal River, Me. Rept. Chief of Eng., 1897, p. 817. (A)
- Exeter River, N. H. Rept. Chief of Eng., 1897, p. 818. (A)
- See Boards—Craighill, S; Marshall, I.
- Dana, James F. (of New Hampshire). Member of Board of Visitors to U. S. M. A. in 1826.
- Dancy, Francis Littleberry (U. S. M. A., 1826). Died Oct. 27, 1890, aged 84. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1891. (A)
- Danes, Henry Clay (U. S. M. A., 1867). Died Nov. 4, 1901, aged 56. Oration, delivered at the decoration of the graves at West Point on Decoration Day, May 30, 1878. (A)
- Danforth, George E. (of New York). Member of Board of Visitors to U. S. M. A. in 1859.
- Daniel, John W. (of Virginia). Member of Board of Visitors to U. S. M. A. in 1889.

- Daniel, P. V.** (of Virginia. Member of Board of Visitors to U. S. M. A. in 1835.
- Darlington, William.** Member of Board of Visitors to U. S. M. A. in 1823.
- D'Armit, Albert Miligan** (U. S. M. A., 1880). Died Oct. 13, 1895, aged 59. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1896. (A)
- Project, plan, estimate, etc., for the improvement of ice harbor, Marcus Hook, Pa. Rept. Chief of Eng., 1893, p. 1169. (A)
- Indian River, Fla. Rept. Chief of Eng., 1894, p. 1228. (A)
- St. Johns River, Fla. Rept. Chief of Eng. 1895, p. 1595. (A)
- Intrenched camps. Oper. Div. Mil. Eng. Int. Cong. Eng., 1894, p. 81. (A)
- Darr, Francis Joseph Andrew** (U. S. M. A., 1880). The Marvin shell extractor. Jour. Mil. Serv. Inst. U. S., vol. 2, p. 339. (A)
- Davenport, Thomas Corbin** (U. S. M. A., 1872). Died May 6, 1887, aged 37. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1887. (A)
- Davenport, William** (of U. S. Army). Member of Board of Visitors to U. S. M. A. in 1840.
- Davidson, John Wynn** (U. S. M. A., 1845). Died June 26, 1881, aged 59. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1882. (A)
- Davies, Charles** (U. S. M. A., 1815). Died Sept. 17, 1876, aged 79. Portrait: Photographic copy of crayon original in department of mathematics, U. S. M. A. (A)
- Portrait (oil painting), by H. P. Gray? Presented by War Department, 1878. In the library.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1877. (A)
- Professor of mathematics, U. S. M. A., 1823-1837.
- Treasurer U. S. M. A., Dec. 11, 1841, to Dec. 19, 1845.
- Member of Board of Visitors to U. S. M. A. in 1841 and in 1861.
- Elements of descriptive geometry with their application to spherical trigonometry, spherical projections, and warped surfaces. . . Philadelphia, 1826. 1 vol., O., 22 pp., 8 pls. (A)
- Elements of surveying with the necessary tables. . . New York, 1830. 1 vol., O. (A)
- 4th ed. New York, 1839. 1 vol., O. (A)
- Elements of the differential and integral calculus. . . 1st ed. New York, 1839. 1 vol., O. (A)
- 2d ed., rev. and corr. Hartford, 1838. 1 vol., O. (A)
- Elements of analytical geometry. . . 2d ed. . . 1 vol., O., 1839. (A)
- Elements of surveying and navigation. . . Rev. ed. New York, 1848. 1 vol., O. (A)
- The logic and utility of mathematics. . . New York, 1850. 1 vol., O. (A)
- A treatise on shades and shadows and linear perspective. . . New York, 1851. 1 vol., O., 150 pp., 21 pls., 2 copies. (A)
- Elementary algebra. . . New York, 1852. 1 vol., O. (A)
- Davies, Charles.** The metric system with reference to its introduction into the United States. 1 vol., O., 1871. (A)
- University arithmetic embracing the science of numbers and general rules for their application. New York and Chicago, 1871. 1 vol., O. (A)
- Address before the Association of the Graduates of the U. S. M. A. annual reunion, June 11, 1874. embracing a brief history of the Military Academy. New York and Chicago, 1874. 1 pam., O., 12 pp., 2 copies. (A)
- First lessons in arithmetic.
- Primary arithmetic and table-book.
- New school arithmetic, with key.
- Intellectual arithmetic.
- Grammar of arithmetic.
- Practical mathematics.
- and Peck, William Guy. U. S. M. A., 1844. Mathematical dictionary and cyclopedia of mathematical science. . . New York, 1855. 1 vol., O. (A)
- , editor. See Bourdon. Elements of algebra; Legendre (A. M.) Elements of geometry and trigonometry.
- Davies, Francis Asbury** (U. S. M. A., 1861). Died Jan. 22, 1880, aged 51. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1880. (A)
- Davies, Henry E.** (of New York. Member of Board of Visitors to U. S. M. A. in 1883.
- Davies, Thomas Alfred** (U. S. M. A., 1829). Died Aug. 19, 1899, aged 60. Engraving. Owned by Assoc. Grads. U. S. M. A.
- Bronze medallion by Hammerstein and Dennivelle. Presented by Mr. W. W. Davies (son). Memorial hall.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Davies, William Staring** (U. S. M. A., 1874). Died Feb. 4, 1888, aged 38. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1888. (A)
- Davis, Alexander Macdonald** (U. S. M. A., 1842). Navicular disease. Jour. Cav. Assoc., 1894, p. 17. (A)
- Davis, Charles Augustus** (of New York. Member of Board of Visitors to U. S. M. A. in 1841.
- Davis, Charles Edward Law Baldwin** (U. S. M. A., 1866). Photograph in Albums of officers' mess.
- Project, plan, estimate, etc. for the improvement of Torch Lake channel, Lake Superior, Mich. Rept. Chief of Eng. 1887, p. 2054. (C)
- Marquette Harbor, Mich. Rept. Chief of Eng., 1888, p. 1831. (C)
- Cedar River Harbor, Mich. Rept. Chief of Eng., 1888, p. 1836, 1891, p. 2529. (C)
- Milwaukee Harbor, Wis. Rept. Chief of Eng., 1889, p. 2173. (C)
- Racine Harbor, Wis. Rept. Chief of Eng., 1889, p. 2177, 1892, p. 2214. (C)
- Kenosha Harbor, Wis. Rept. Chief of Eng., 1889, pp. 2080-2085. (C)
- Waukegan Harbor Ill. Rept. Chief of Eng., 1889, pp. 2083, 2084, 1892, p. 2299. (C)
- Centerville Creek, Wis. Rept. Chief of Eng., 1889, p. 2193. (C)

- Davis, Charles Edward Law Baldwin. Project, plan, estimate, etc., for the improvement of Oconto Harbor, Wis. Rept. Chief of Eng., 1889, p. 2107. (C)
- Pensaukee Harbor, Wis. Rept. Chief of Eng., 1890, p. 2333. (C)
- Manitowoc Harbor, Wis. Rept. Chief of Eng., 1890, p. 2345. (C)
- Fond du Lac River, Wis. Rept. Chief of Eng., 1890, p. 2393. (C)
- Menomonee River, Wis. Rept. Chief of Eng., 1890, p. 2399, 1892, pp. 2528, 2530. (C)
- Reconstruction of Long Bridge over Potomac River at Washington, D. C. Rept. Chief of Eng., 1893, p. 1274. (A)
- Parish Creek Md. Rept. Chief of Eng., 1893, p. 1311. (A)
- Little Wicomico River, Va. Rept. Chief of Eng., 1893, p. 1315; 1895, p. 1250. (A)
- Morattico Creek, Va. Rept. Chief of Eng., 1893, p. 1318. (A)
- Milford Haven, Va. Rept. Chief of Eng., 1893, p. 1320; 1895, p. 1268. (A)
- Chapel Point Harbor, Md. Rept. Chief of Eng., 1895, p. 1253. (A)
- Quantico Creek, Va. Rept. Chief of Eng., 1895, p. 1254. (A)
- Great Wicomico River, Va. Rept. Chief of Eng., 1895, p. 1257. (A)
- Jacksons Creek, Va. Rept. Chief of Eng., 1895, p. 1262. (A)
- Ware River, Va. Rept. Chief of Eng., 1895, p. 1264. (A)
- Harris Creek Prong of Back River, Va. Rept. Chief of Eng., 1895, p. 1265. (A)
- Cranes Creek, Va. Rept. Chief of Eng., 1895, p. 1271. (A)
- Oconto Harbor, Wis. Rept. Chief of Eng., 1895, p. 2682. (A)
- Bridge across Anacostia River, D. C. Rept. Chief of Eng., 1896, p. 3890. (A)
- Colorado River, Ariz. Rept. Chief of Eng., 1897, p. 3339. (A)
- Suisun Creek, Cal. Rept. Chief of Eng., 1897, p. 3341. (A)
- Alviso Creek, Cal. Rept. Chief of Eng., 1897, pp. 3344, 3345. (A)
- Redwood Creek, Cal. Rept. Chief of Eng., 1897, p. 3349. (A)
- Mare Island Strait, Cal. Rept. Chief of Eng., 1897, p. 3353. (A)
- Napa River, Cal. Rept. Chief of Eng., 1897, p. 3374. (A)
- Washington, D. C. (harbor lines). Rept. Chief of Eng., 1899, p. 1463. (A)
- river hydraulics. *In* Pop. Sci. Monthly, vol. 6, p. 236.
- See Boards—Davis; Craigbill, 19; Hains, 3; Ludlow, 1; Mansfield, 4, 6; Poe, 15, 18; Smith, 2; Suter, 4, 5, 6. See Commissions—Suter, 6, 7. (A)
- Davis, C. K. (of Minnesota). Member of Board of Visitors to U. S. M. A. in 1889.
- Davis, David (of Illinois). Member of Board of Visitors to U. S. M. A. in 1891.
- Davis, E. S. (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1829 and in 1835.
- Davis, George Breckinridge (U. S. M. A., 1871). Photograph in Albums of officers' mess.
- Librarian U. S. M. A. from Jan. 22, 1885, to Aug. 28, 1888.
- Professor of Law, U. S. M. A., Aug. 20, 1895, to Aug., 1901.
- Outlines of international law with an account of its origin and sources and of its historical development . . . 1 vol., 12°. 1887. (A)
- Cavalry in the Gettysburg campaign. Jour. Cav. Assoc., 1888, p. 325. (A)
- Gen. Henry Leavenworth. Jour. Cav. Assoc., 1895, p. 261. (A)
- Historical sketch of the department of law and history, U. S. M. A. *In* Rept. Supt. U. S. M. A., 1896, pp. 156-159. (A)
- The military laws of the United States . . . Washington, 1897. 1 vol., O., 851 pp. (A)
- 4th ed., prepared under the direction of the Hon. Elihu Root, Secretary of War. Washington, 1901. 1 vol., O. (A)
- The elements of law. 1897.
- A treatise on military law and the practice and procedure of courts-martial. 1898.
- Calling forth of the militia. *In* Mars and Neptune (monthly magazine), vol. 1, No. 1, p. 55. Washington, 1898.
- Elements of international law . . . New and rev. ed. New York, 1900. 1 vol., O. (A)
- Reports as Judge-Advocate-General U. S. A., 1901-2.
- Operations of the cavalry in the Gettysburg campaign. *In* Cavalry studies from two great wars.
- Davis, George Burwell (U. S. M. A., 1886). Review of Wagner's Service of security and information. Jour. Cav. Assoc., 1893, p. 213. (A)
- Infantry fire. Jour. Mil. Serv. Inst. U. S., vol. 13, p. 366. (A)
- Comment on Musketry training. Jour. Mil. Serv. Inst. U. S., vol. 14, p. 819. (A)
- Davis, George R. (of Illinois). Member of Board of Visitors to U. S. M. A. in 1882.
- Davis, Gustavus F. (of Connecticut). Member of Board of Visitors to U. S. M. A. in 1836.
- Davis, Henry Clarence, jr. (U. S. M. A., 1883). Review of The naval annual, 1891, p. 155; Recoil of heavy guns and its control, p. 364. Jour. U. S. Art., vol. 1.
- Target practice. Jour. U. S. Art., vol. 2, p. 42.
- Translation of General Baumgarten's The importance of smokeless powder in war, p. 108; Coast artillery fire instruction, p. 241. Jour. U. S. Art., vol. 3.
- Comment on Whistler's Graphic tables of fire. Jour. Mil. Serv. Inst. U. S., vol. 14, p. 350. (A)
- Light artillery target practice. Jour. Mil. Serv. Inst. U. S., vol. 18, p. 102. (A)
- Battle under the new conditions. Jour. Mil. Serv. Inst. U. S., vol. 23, p. 249. (A)

- Davis, Isaac** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1832 and in 1855.
- Davis, James Lucius** (U. S. M. A., 1833). Died May 11, 1871, aged 58. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1871. (A)
- Light artillery for frontier service. 1839.
- Davis, Jefferson** (U. S. M. A., 1828). Died Dec. 6, 1889, aged 81. Engraving, owned by Assoc. Grads. U. S. M. A.
- Bronze statue (by G. J. Zolnay) in Richmond, Va.
- Small copy of a plaster portrait bust made during the civil war. Owned by Va. Hist. Soc., Richmond, Va.
- Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1890. (A)
- Memorial oration, by J. W. Daniel, 1890.
- Memorial, by J. W. Jones, 1890.
- Memorial tribute. By the citizens of Charleston. Charleston, 1892.
- Reports of the Secretary of War for the years 1853-1857. (A)
- facsimile letter of. 1857. (A)
- Speech on U. S. Army. 1858.
- Speech delivered in the Senate of the United States on the Pacific Railroad bill 1859.
- Chairman of a commission to examine into the organization, discipline, and instruction at U. S. M. A. Report in Senate Misc. Docs. No. 3, 36th Cong., 2d sess. Dec. 13, 1860, 350 pp. (C)
- Adventures of, by McRone (burlesque). 1865.
- Life of, by Frank H. Alfriend. Cincinnati, 1868.
- Rise and fall of the Confederate government. New York, 1881, 2 vols.
- The Indian policy of the United States. *In North Amer. Rev.*, vol. 143, November, 1886.
- John C. Calhoun. *In North Amer. Rev.*, vol. 145 (1887), p. 246.
- Lord Wolseley's mistakes. *In North Amer. Rev.*, October, 1889.
- Life and character, by John W. Daniel. So. Hist. Papers, vol. 17, 1889.
- Robt. E. Lee. *In North Amer. Rev.*, vol. 150 (1890). (A)
- The doctrine of State rights. *In North Amer. Rev.*, vol. 150 (1890).
- Jefferson Davis, ex-President of the Confederate States: A memoir. By Mrs. Varina Howell Davis. New York, 1890. 2 vols.
- Short history of the Confederate States of America. New York, 1890.
- Andersonville and other war prisons. . . . New York, 1890. 1 pam., O, 4 copies. (A)
- Imprisonment of, etc. No. 1255, doc. 46. (C)
- Reports of capture of. No. 1277, doc. 13; No. 1302, doc. 52. (C)
- The capture of Jefferson Davis. Burton Harrison: Century Mag., vol. 27, p. 130.
- Capture of, list of men present, etc. No. 1337, doc. 115. (C)
- Davis, Jefferson**. Rewards for capture of. No. 1237, doc. 7. No. 1238, doc. 64; No. 1263, doc. 90; No. 1272, doc. 90; No. 1358, doc. 60; No. 1410, doc. 34. (C)
- Political conspiracy of, by I. Allerton.
- Craven, J. J.: Prison life of Jefferson Davis. . . . New York, 1867. 1 vol., O. (A)
- See Johnston, J. E.: Jefferson Davis and the Mississippi campaign. *In North Amer. Rev.*, vol. 143, December, 1886. (A)
- Davis, John J.** (of West Virginia). Member of Board of Visitors to U. S. M. A. in 1894.
- Davis, John W.** (of Indiana). Member of Board of Visitors to U. S. M. A. in 1858.
- Davis, Nelson Henry** (U. S. M. A., 1846). Died May 15, 1890, aged 69. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1890. (A)
- Reports as Inspector-General U. S. Army. 1885.
- Davis, Richmond Pearson** (U. S. M. A., 1887). Photograph *in Albums of officers' mess.*
- Davis, William Church** (U. S. M. A., 1890). The bicycle and its adaptability to military purposes. *Jour. U. S. Art.*, vol. 6, p. 165; vol. 8, p. 63.
- P. 2. *Jour. U. S. Art.*, vol. 6, p. 326.
- Davis, W. M.** (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1829.
- Davison, Lorenzo** (U. S. M. A., 1885). Battle tactics and mounted infantry. *Jour. Mil. Serv. Inst. U. S.*, vol. 20, p. 206. (A)
- Dawson, Samuel Kennedy** (U. S. M. A., 1830). Died Apr. 17, 1880, aged 72. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1889. (A)
- Day, Hannibal** (U. S. M. A., 1823). Died Mar. 26, 1891, aged 87. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1891. (A)
- Military drawings. 1 vol., F., obl. 1823. (A)
- MS. maps of the seat of war in Florida. 1839. (A)
- Dayton, Col. Lewis M.** (of Ohio). Member of Board of Visitors to U. S. M. A. in 1883 and in 1890.
- Deakayne, Herbert** (U. S. M. A., 1890). Project, plan, estimate, etc., for the improvement of Mendocino Harbor, Cal. Rept. Chief of Eng., 1895, p. 3337. (A)
- American River, Cal. Rept. Chief of Eng., 1895, p. 3337. (A)
- San Joaquin River, Cal. Rept. Chief of Eng., 1896, p. 3220. (A)
- Kissimmee River, Fla., etc. Rept. Chief of Eng., 1902, p. 1239. (A)
- See Commission—Mansfield, 1, 2; Smith, 1; Suter, S. (A)
- Dean, James** (of Vermont). Member of Board of Visitors to U. S. M. A. in 1826.
- Deblois, Thomas A.** (of Maine). Member of Board of Visitors to U. S. M. A. in 1848.
- Deems, Clarence** (U. S. M. A., 1874). Review of Bigelow's Strategy, p. 141; Review of Henderson's Spichenen, p. 278. *Jour. U. S. Art.*, vol. 1.
- De Hart, William Chetwood** (U. S. M. A., 1820). Observations on military law, and the consti-

- tution and practice of courts-martial. . . . adapted to the . . . Army and Navy of the U. S. N. Y., 1846. 1 vol., O. (A)
- de Janou, Patrice. Professor of Spanish U. S. M. A., 1885 to 1882. Photograph in Albums of officers' mess.
- Oil portrait by Frank Fowler in the Library U. S. M. A.
- DeLafield, Richard (U. S. M. A., 1818). Died Nov. 5, 1873, aged 75. Portrait (oil painting by H. P. Gray). Presented by his nephew, Ed. DeLafield. No. 5, room 201, academic building.
- Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1874; Harper's New Monthly Mag., vol. 48 (1874), p. 307. (A)
- Seventh Superintendent from Sept. 1, 1838, to Aug. 15, 1845; thirteenth Superintendent from Jan. 28 to Mar. 1, 1861. Reports as Supt., U. S. M. A., 1838-1845, 1861.
- Building for the library and philosophical apparatus of the Military Academy, constructed from the designs of Major DeLafield. Frontispiece to Catalogue of the Library U. S. M. A., 1859. (A)
- Report on the art of war in Europe in 1854, 1855, and 1856, from his notes and observations made as a member of a military commission to the theater of war in Europe. 36th Cong., 1st sess., Senate Ex. Docs., vol. 14, O. Q. Washington, 1860. (A)
- Reports as Chief Engineer and as Chief of Engineers, 1864-1866. (C)
- Project, plan, estimate, etc., for the improvement of Hudson River, between Troy and New Baltimore, N. Y. Rept. Chief of Eng., 1866, vol. 1, p. 3; 1866, vol. 3, pp. 20, 21; 1866, vol. 4, pp. 208, 209. (C)
- Memoir on foundations in compressible soils, with experimental tests of pile driving, and formula for resistance deduced therefrom. Washington, 1868.
- Delano, Lewis H. (of Vermont). Member of Board of Visitors to U. S. M. A. in 1852.
- Deming, Henry C. (of Connecticut). Member of Board of Visitors to U. S. M. A. in 1857.
- Dennis, George R. (of Maryland). Member of Board of Visitors to U. S. M. A. in 1874.
- Denison, David Stewart (U. S. M. A., 1868).
- Died July 1, 1898, aged 53. Photograph in Albums of officers' mess.
- Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Dennison, James Alfred (U. S. M. A., 1870). Died July 12, 1900, aged 54. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Dennison, W., jr. (of Ohio). Member of Board of Visitors to U. S. M. A. in 1842.
- Dent, Frederick Tracy (U. S. M. A., 1843). Died Dec. 24, 1892, aged 72. Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Derby, George Hasket (U. S. M. A., 1846). Died May 15, 1861, aged —. Phoenixiana; or Sketches and burlesques. 1856. Under nom de plume of "John Phoenix."
- 13th ed. 1889. 1 vol., O. (A)
- Derby, George Hasket. Squiboh papers. 1860.
- Project, plan, estimate, etc., for the improvement of San Diego Harbor, Cal. Rept. Chief of Eng., 1870, p. 514. (C)
- Reconnoissance of Gulf of California and Colorado River. No. 620, doc. 81. (C)
- Reconnoissance of Tulare Lake and vicinity. No. 621, doc. 110. (C)
- Derby, George McClellan (U. S. M. A., 1878), instructor of practical military engineering, U. S. M. A., 1889-1893.
- translator. Studies on coast defense applied to the Gulf of Spezia, by Caesar Guarasci, colonel of engineers. O. Washington, 1884. Misc. Papers, vol. 2.
- Project, plan, estimate, etc. for the improvement of Mississippi River, use of dredge ram in levee building. Rept. Chief of Eng., 1895, p. 3922. (A)
- Mississippi River, Homochitto levee district. Rept. Chief of Eng., 1896, p. 3472. (A)
- Mississippi River, fourth district. Rept. Chief of Eng., 1899, p. 3682; new book, 1900, p. 4551; 1901 (supp.), p. 311; 1902 (supp.), p. 136. (A)
- Changes in flood heights, Mississippi River. Rept. Chief of Eng., 1900, p. 4551. (A)
- De Russy, Rene Edward (U. S. M. A., 1812). Died Nov. 23, 1865, aged 75. Portrait (oil painting by D. Huntington, from a daguerreotype). Presented by War Department. No. 2, room 201, academic building.
- Oil painting (by Jewett). Owned by Mrs. Berry (née De Russy).
- Secretary of Board of Visitors to U. S. M. A. in 1827.
- Sixth Superintendent from July 1, 1833, to Sept. 1, 1838. Reports as Supt. U. S. M. A., 1833-1838.
- See Boards—De Russy. (A)
- Desha, Joseph (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1840.
- Deshler, George Wagener (U. S. M. A., 1868). Died July 28, 1875, aged 31. Obituary in Ann. Assoc. Grads. U. S. M. A., 1876. (A)
- Deshou, George (U. S. M. A., 1843). Photograph in Albums of officers' mess.
- Guide for Catholic young women, etc.
- De Treville, Richard (U. S. M. A., 1823). Died Nov. 25, 1874, aged 73. Obituary in Ann. Assoc. Grads. U. S. M. A., 1875. (A)
- Devens, Charles, jr. Member of Board of Visitors to U. S. M. A. in 1876.
- Devore, Daniel Bradford (U. S. M. A., 1885). Photograph in Albums of officers' mess.
- Dewey, C. Member of Board of Visitors to U. S. M. A. in 1825.
- De Witt, David Porter (U. S. M. A., 1836). Died Feb. 26, 1889, aged 72. Obituary in Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Dewitt, William R. (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1830.
- Dick, Charles (of Ohio). Member of Board of Visitors to U. S. M. A. in 1902.

- Dickerson, John H. (U. S. M. A., 1847). Died Mar. 2, 1872, aged 50. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1872. (A)
- Dickerson, L. B. (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1884.
- Dickinson, W. G. (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1890.
- Dickinson, Walter Mason (U. S. M. A., 1880). Died July 2, 1898, aged 42. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1899. (A)
- Memorial. Amherst, Mass., 1898. 17 pp. 1 pam., O. (A)
- Dickman, Franklin J. (of Rhode Island). Member of Board of Visitors to U. S. M. A. in 1858.
- Dickman, Joseph, Theodore (U. S. M. A., 1881). New method of loading the revolver. *Jour. Cav. Assoc.*, 1894, p. 178. (A)
- Balloons in war . . . A lecture delivered before the class of officers at the U. S. Infantry and Cavalry School, Fort Leavenworth, Kans., Mar. 27, 1896, class 1895-1897. Fort Leavenworth, Kans., 1896. 1 vol., O., 13 pp. (A)
- translator. New drill regulations for Russian cavalry. *Jour. Cav. Assoc.*, 1896, p. 339. (A)
- Military policy and institutions. Lecture . . . 1 pam., O. U. S. Inf. and Cav. School, 1896. (A)
- Pronunciation of the names of persons and places found in Strategic operations. U. S. Inf. and Cav. School, 1896. 1 pam., O. (A)
- Questions on the most important principles of conduct of war . . . 1 pam., O. 1897. (A)
- Notes on the German army. 1 pam., O. 1897. Inf. and Cav. School, lecture 11. (A)
- Balloons in war, p. 103; A field exercise at Fort Leavenworth, p. 158; Swimming of horses in German cavalry, p. 318; Military policy and institutions, p. 384. *Jour. Cav. Assoc.*, 1897. (A)
- Instruction in patrolling . . . 1 pam., O. 1898. Inf. and Cav. School, lecture 12. (A)
- The fire of dismounted cavalry. *Jour. Mil. Serv. Inst. U. S.*, vol. 16, p. 530. (A)
- Dickson, Tracy Campbell (U. S. M. A. 1892). Description of the Gatling gun, .30 caliber, model, 1895. Rept. Chief of Ord., 1896.
- Report of firings with U. S. magazine rifle and carbine, caliber .30. Rept. Chief of Ord., 1897.
- Report on trials and tests of the Winchester rifle, caliber .30, model, 1895. Rept. Chief of Ord., 1899.
- Dimick, Justin (U. S. M. A., 1819). Died Oct. 13, 1871, aged 72. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1872. (A)
- Dinsmore, John W. (of California). Member of Board of Visitors to U. S. M. A. in 1893.
- Ditch, William Thomas (U. S. M. A., 1808). Died May 1, 1884, aged 38. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1885. (A)
- Dix, John A. (of New York). Member of Board of Visitors to U. S. M. A. in 1831.
- Dod, Albert (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1837.
- Dodge, Henry C. (U. S. M. A., 1806). Died Jan. 27, 1873, aged 30. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1873. (A)
- Dodge, Richard Irving (U. S. M. A., 1848). Died June 18, 1895, aged 68. Photograph in Albums of officers' mess.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1896. (A)
- The Black Hills, a minute description of the routes, scenery, soil, climate, timber, gold, geology, zoology, etc., with an accurate map, sectional drawings and ten plates from photographs. 1 vol., 12°. New York, 1876. (A)
- The plains of the great West . . . 1 vol., O. 1877. (A)
- Our wild Indians: Thirty-three years' personal experience among the red men of the great West. A popular account of their social life, religion, [etc.]. With an introduction by General Sherman. Pl., illus., O. pp. xxxix, 650. Hartford, Conn., 1882.
- The enlisted soldier. Fort Sully, 1886. 1 vol., O. pp. 51. *Jour. Mil. Serv. Inst. U. S.*, vol. 8, p. 250. (A)
- Comment on McAnaney's Desertion question, p. 163; Comment on Meritorious discharged soldiers, p. 1029. *Jour. Mil. Serv. Inst. U. S.*, vol. 11. (A)
- The plains and their inhabitants. *Century Mag.*, vol. 13, p. 875.
- Dolph, Joseph N. (of Oregon). Member of Board of Visitors to U. S. M. A. in 1887.
- Donaldson, Charles Victor (U. S. M. A., 1888). Died July 15, 1890, aged 24. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1891. (A)
- Donaldson, James Lowry (U. S. M. A., 1836). Died Nov. 4, 1888, aged 72. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1889. (A)
- In memoriam. In *Eighteenth rennon of the Army of the Cumberland*, Washington, D. C., May, 1887, p. 205. Cincinnati, 1888. (A)
- Sergeant Atkins; a Tale of adventure founded on facts during the Florida war against the Seminole Indians. 1871.
- Donelson, Andrew Jackson (U. S. M. A., 1820). Died June 26, 1871, aged 71. Engraving (by J. C. Buttre) owned by Assoc. Grads. U. S. M. A. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1872. (A)
- Editor Washington, D. C., Union, 1851-52.
- Reports of explorations. Washington, 1855.
- Treasurer U. S. M. A., Sept. 11, 1855, to Feb. 24, 1858.
- Instructor of practical engineering, U. S. M. A., 1856-58.
- Doniphan, A. W. (of Missouri). Member of Board of Visitors to U. S. M. A. in 1848.
- Donovan, Joseph Lavielle (U. S. M. A., 1891). Oration delivered before the U. S. corps of cadets July 4, 1890. West Point, 1890. 1 vol., O., 15 pp. (A)
- Donworth, Albert Bernard (U. S. M. A., 1891). Gymnasium training in the Army. *Jour. Mil. Serv. Inst. U. S.*, vol. 21, p. 508. (A)

- D'Orémieux, Théophile Marie. Died July 3, 1881. Portrait (crayon drawing from a photograph). Presented by his wife, 1902. In the department of modern languages, academic building. — Photograph in Albums of officers' mess. — Instructor in French. 1840 to 1856.
- Dorst, Joseph Haddox (U. S. M. A., 1873). Photograph in Albums of officers' mess. — Historic America (XV-XIII). West Point. (4 articles with ill.) In Ill. Amer., vol. 1, p. 375, to vol. 2, p. 38 (June 7-28, 1890). — The cavalry horse. Jour. Cav. Assoc., 1892, p. 302. (A) — Personal experience with the Wint saddle. Jour. Cav. Assoc., 1894, p. 200. (A) — Ranald Slidell Mackenzie. Jour. Cav. Assoc., 1897, p. 367. (A) — More about cavalry gait. Jour. Mil. Inst. U. S., Vol. 10, p. 300. (A)
- Doubleday, Abner (U. S. M. A., 1842). Died Jan. 26, 1893, aged 74. Engraving (by J. C. Buttre) owned by Assoc. Grads. U. S. M. A. — Bronze medallion (by Hammerstein and Deminelle of New York). Presented by Lafayette Post, G. A. R., New York. Memorial hall. — Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A) — Reminiscences of Forts Sumter and Moultrie in 1860-61 . . . New York, 1876. 1 vol., O. (A) — Chancellorsville and Gettysburg. O., pp. 243. New York, 1882. [Campaigns of the Civil War, vol. 6.] — Gettysburg thirty years after. In North Amer. Rev., vol. 152, February, 1891.
- Douglass, David Bates. Professor of mathematics, 1820-1823. — Professor of civil and military engineering, 1823-1831.
- Douglass, Henry (U. S. M. A., 1852). Died June 19, 1892, aged 65. Photograph in Albums of officers' mess. — Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Dowd, William (of New York). Member of Board of Visitors to U. S. M. A. in 1875.
- Drake, Thomas M. (of Ohio). Member of Board of Visitors to U. S. M. A. in 1847.
- Drayton, Thomas Fenwick (U. S. M. A., 1828). Died Feb. 18, 1891, aged 83. Engraving owned by Assoc. Grads. U. S. M. A. — Obituary in Ann. Assoc. Grads. U. S. M. A., 1891. (A)
- Dresser, George Warren (U. S. M. A., 1861). Died May 27, 1883, aged 46. Photograph in Albums of officers' mess. — Obituary in Ann. Assoc. Grads. U. S. M. A., 1883. (A) — Project, plan, estimate, etc., for the improvement of Block Island, R. I. Rept. Chief of Eng., 1868, pp. 741, 793, 795. (C) — Editor American Gas-Light Journal, of New York, 1875-1883.
- Drew, Alfred Wettermark (U. S. M. A., 1891). Died Aug. 19, 1899, aged 32. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1900.
- Drexel, George W. C. (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1902.
- Driggs, John F. (of Michigan). Member of Board of Visitors to U. S. M. A. in 1865.
- Dromgoole, George C. (of Virginia). Member of Board of Visitors to U. S. M. A. in 1832.
- Drouillard, James Pierre (U. S. M. A., 1861). Died Oct. 16, 1892, aged 53. Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A) — In memoriam. In Twenty-fourth reunion of the Army of the Cumberland, Cleveland, Ohio, September, 1893, p. 228. Cincinnati, 1894. (A)
- Duane, James Chatham (U. S. M. A., 1848). Died Nov. 8, 1897, aged 73. Photograph in Albums of officers' mess. — Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1898. (A) — Obituary. In Trans. Amer. Soc. Civ. Eng. [reprint], prepared by W. P. Craighill, A. Heley, and James Duane, 1898. (A) — Instructor of practical engineering, U. S. M. A., 1858-1861. — Treasurer U. S. M. A., Mar. 1, 1859, to Jan. 18, 1861. — Manual for engineer troops . . . New York, 1862. 1 vol., O. (A) — History of the bridge equipage, U. S. Army. Essayons Club Papers, No. 1, 1868. (A) — Reports of the Chief of Engineers, 1886-87. — See New York City. Aqueduct. Report, 1887-1895. — See Boards—Jmaue.
- Du Barry, Beekman (U. S. M. A., 1849). Died Jan. 12, 1901, aged 72. Photograph in Albums of officers' mess. — Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A) — Treasurer U. S. M. A., Sept. 1, 1879, to Sept. 2, 1881. — Reports as Commissary-General U. S. Army. 1890-1892.
- Du Bois, John Van Dusen (U. S. M. A., 1855). Died July 31, 1879, aged 45. Obituary in Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Ducatel, — (of Maryland). Member of Board of Visitors to U. S. M. A. in 1838.
- Dudley, Charles E. Member of Board of Visitors to U. S. M. A. in 1831.
- Dudley, Edgar Swartwout (U. S. M. A., 1870). Professor of law and history, U. S. M. A., 1901- . . . — A reminiscence of Washington, and Early's attack in 1864. Cincinnati, 1884. 1 vol., O., pp. 22. (A) — The necessity for closer relations between the Army and the people and the best method to accomplish the result. Essay read before the Military Service Institution of the United States. Lincoln, Nebr., 1886. 1 vol., O., pp. 14. (A) — Home-guard battles. Read before the Minnesota Commandery M. O. L. L. U. S., May 17, 1897. — Report of civil affairs considered in the office of the judge advocate of the department [of Cuba]. n. p. [Havana], n. d. [1901]. 1 vol., O., 11 pp.

- Duncan, Daniel (U. S. M. A., 1805). Died Aug. 8, 1807, aged 24. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1808. (A)
- Duncan, George Brand (U. S. M. A., 1860). Some reasons for increasing the Army. *In North Amer. Rev.*, vol. 19 (1868) p. 448. (A)
- Supply of ammunition to the firing line. *Jour. Mil. Serv. Inst. U. S.*, vol. 10, p. 413. (A)
- Duncan, W. H. of New Hampshire. Member of Board of Visitors to U. S. M. A. in 1856.
- Dunlevy, A. H. (of Ohio). Member of Board of Visitors to U. S. M. A. in 1851.
- Dunn, Beverly Wylie (U. S. M. A., 1883). Essay, development of power in the modern military rifle, 1887. O. *See Artillery School.* (A)
- Atmospheric refraction on target ranges, 1888. 1 pam., O. *See Artillery School.* (A)
- Description of rack press for assembling 3.2-inch fixed ammunition. Rept. Chief of Ord., 1896.
- Report upon the utility of continuing the timing of brass cartridge shells; Report on the effect of temperature on velocity of caliber .30 ammunition. Deviation of small-arm projectiles due to artificial wind pressure; Report on tests of smokeless powders. Rept. Chief of Ord., 1897.
- Report on chemical laboratory at Frankford Arsenal. Rept. Chief of Ord., 1898.
- Design of apparatus for determining the relative sensitiveness of high explosives. Rept. Chief of Ord., 1900.
- Report on development of a photo-retardograph and its application to the dynamic measurement of resistance to compression offered by the copper cylinders used in cousser gauges. Ord. Const. Notes No. 71.
- (Conclusion). *Jour. U. S. Art.*, vol. 7, p. 213.
- A photo-velocimeter and its application to the free recoil of small-arm rifles. Ord. Const. Notes, No. 74.
- Development of a photo-velocimeter. *Jour. U. S. Art.*, vol. 8, p. 1.
- Dunn, William M. (of Indiana). Member of Board of Visitors to U. S. M. A. in 1837.
- Dunwoody, Henry Harrison Chase (U. S. M. A., 1860). Signal Service tables of rainfall and temperature compared with crop production. Q., pp. 15. Washington, 1882. [Prof. Papers, Signal Service, U. S. Army, No. 10.]
- Charts and tables showing geographical distribution of rainfall in the United States. Q., pp. 51, 13 charts. Washington, 1883. [Prof. Papers, Signal Service, U. S. Army, No. 6.]
- Weather proverbs. Washington, 1883. 1 vol., O., pp. 148. (A)
- Summary of international meteorological observations. Washington, 1893. 1 vol., F. obl. (A)
- *See* U. S. Dept. of Agriculture. Weather Bureau. Departures from normal temperature and rainfall. With crop yields in Nebraska . . . By Maj. H. H. C. Dunwoody. 1 pam., O. 1896.
- Du Pont, Henry (U. S. M. A., 1833). Died Aug. 8, 1889, aged 77. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1890; Harper's New Monthly Mag., vol. 79 (1889) p. 806. (A)
- Du Pont, Henry. Member of Board of Visitors to U. S. M. A. in 1850.
- Du Pont, Henry Algernon (U. S. M. A., 1801). Artillery tactics.
- Cavalry tactics.
- Du Pont, Victor (of Delaware). Member of Board of Visitors to U. S. M. A. in 1860.
- Durham, Cass (U. S. M. A., 1805). Died Apr. 3, 1808, aged 53. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1808. (A)
- Durmout, Henry J. (of Rhode Island). Member of Board of Visitors U. S. M. A. 1836.
- Dutton, Arthur Henry (U. S. M. A., 1861). Died June 8, 1864, aged —. Solution of a prize problem. *In Math. Monthly*, vol. 2, p. 331. (A)
- Dutton, George (U. S. M. A., 1822). Project, plan, estimate, etc., for the improvement of New Haven Harbor, Conn. Rept. Chief of Eng., 1871, p. 774. (C)
- Bridgeport Harbor, Conn. Rept. Chief of Eng., 1871, p. 789. (C)
- Taunton River, Mass. Rept. Chief of Eng., 1873, p. 954. (C)
- Duval, W. P. Member of Board of Visitors to U. S. M. A. in 1834.
- Duvall, William Penn (U. S. M. A., 1869). Notice of Das Artillerie-Schiesspiel. *Jour. U. S. Art.*, vol. 1, p. 280.
- Dwight, Colonel. Member of Board of Visitors to U. S. M. A. in 1824.
- Dwight, William (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1851.
- Dye, William McEntire (U. S. M. A., 1853). Died Nov. 13, 1890, aged 67. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Moslem Egypt and Christian Abyssinia; or, Military service under the Khedive . . . 1 vol., O. 1880. (A)
- Dyer, Alexander Brydie (U. S. M. A., 1837). Died May 20, 1874, aged 59. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1874. [N. P.], 1874. 1 vol., O., pp. 27. Harper's New Monthly Mag., vol. 49 (1874), p. 208. (A)
- Reports as Chief of Ordnance U. S. Army, 1864-1874.
- Dyer, Alexander Brydie (U. S. M. A., 1873). Selections from War Department General Orders, 1866, to G. O. No. 51, 1886, inclusive. San Francisco, 1886.
- Handbook for light artillery . . . 1st ed. 1st thousand. New York, 1866. 1 vol., O. (A)
- History of the Fourth Artillery. *Jour. Mil. Serv. Inst. U. S.*, vol. 11, p. 843. (A)
- Early, Jubal Anderson (U. S. M. A., 1837). Died Mar. 2, 1864, aged 78. Engraving (by H. B. Hall's Sons) owned by Assoc. Grads. U. S. M. A.
- Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1864. (A)
- A memoir of the last year of the war for independence in the Confederate States of America, containing an account of the operations of his command in . . . 1864 and 1865 . . . Lynchburg, 1867. 1 vol., O. (A)

- Early, Jubal Anderson. Memorial by J. W. Daniel. *So. Hist. Soc. Papers*, vol. 22, 1894.
 ——— Jackson's campaign against Pope.
 ——— Campaigns of General Lee.
- Early, William T. (of Virginia). Member of Board of Visitors to U. S. M. A. in 1873.
- Eastman, E. G. (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1856.
- Eastman, Frank French (U. S. M. A., 1879).
 Comment on The Fourteenth Infantry. *Jour. Mil. Serv. Inst. U. S.*, vol. 18, p. 215. (A)
 ——— Preparation of volunteers for field service. *Jour. Mil. Serv. Inst. U. S.*, vol. 21, p. 89. (A)
- Eastman, James Edwin (U. S. M. A., 1866). Died Aug. 28, 1899, aged 56. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Eastman, Joel (of New Hampshire). Member of Board of Visitors to U. S. M. A. in 1852.
- Eastman, Seth (U. S. M. A., 1829). Died Aug. 31, 1875, aged 68. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1876. (A)
 ——— Constitution Island. Surveyed and drawn by Lieutenant Eastman, U. S. Army, 1836. (Scale about 400 feet = 1 inch.) Lithograph, 12 x 18. (A)
 ——— Treatise on topographical drawing. . . New York, 1873. 1 pam., O. (A)
 ——— History, condition, and future prospects of the Indians of the United States.
 ——— Oil painting: Ball playing among the Sioux. No. 136 in Corcoran Gallery, Washington.
 ——— See West Point—Views. Lithograph: "Cadets' encampment," painted in 1835 (in the office of Supt. U. S. M. A.)
- Easton, J. C. (of Minnesota). Member of Board of Visitors to U. S. M. A. in 1880.
- Easton, Langdon Cheves (U. S. M. A., 1838). Died Apr. 29, 1884, aged 70. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1884. (A)
- Eaton, Amos Beebe (U. S. M. A., 1826). Died Feb. 21, 1877, aged 71. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1877. (A)
 ——— Geological nomenclature for North America; founded upon geological surveys, taken under the direction of . . . Stephen Van Rensselaer . . . Albany, 1828. 1 pam., O. (A)
 ——— Reports as Commissary-General U. S. Army, 1864-1874.
- Eaton, D. B. (of New York). Member of Board of Visitors to U. S. M. A. in 1879.
- Eaton, John (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1869.
- Eaton, John H. (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1832.
- Eaton, Joseph Horace (U. S. M. A., 1835). Died Jan. 20, 1896, aged 80. *Obituary and portrait in Ann. Assoc. Grads. U. S. M. A.*, 1896. (A)
 ——— The Army Paymasters's Manual . . . June, 1864. Supplement to Mar. 4, 1865. Additional to Nov. 30, 1865. Appendix table of the pay . . . from July 28, 1866. Circulars and Memoranda to paymasters, 1862-1867. (In front.) Index to manual and supplements 1863-1865. Washington, 1866. (A)
- Eaton, Joseph Horace. The army paymaster's manual, for the information of officers of the Pay Department of the U. S. Army. Rev. 1 vol. June 30, 1867. . . 1 vol., O. 1867. (A)
 ——— Rev. to include June 30, 1871. Washington, 1871.
- Eaton, Nathaniel Jackson (U. S. M. A., 1827). Died Mar. 29, 1883, aged 76. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1883. (A)
- Echols, Charles Patton (U. S. M. A., 1891). Project, plan, estimate, etc., for the improvement of Carrabelle Bar and Harbor, Fla. Rept. Chief of Eng., 1895, p. 1681. (A)
 ——— Associate professor of mathematics, U. S. M. A. Oct. 7, 1898.
- Eddy, Asher Robbins (U. S. M. A., 1844). Died Jan. 29, 1879, aged 55. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1879. (A)
- Edgerton, Wright Prescott (U. S. M. A., 1874). Associate professor of mathematics, U. S. M. A., 1893-1898; and professor of mathematics, U. S. M. A., Oct. 7, 1898.
 ——— Portrait: Oil painting by Frank Fowler in the Library U. S. M. A.
- Eddie, John Rufus (U. S. M. A., 1861). Died Oct. 20, 1874, aged 36. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1875. (A)
 ——— Report on army revolvers. Ord. Note 5, vol. 1, p. 27. (A)
 ——— Report on muzzle rifling. Ord. Note 13, vol. 1, p. 78. (A)
 ——— Report on Gatling gun, caliber .45". Ord. Note 19, vol. 1, p. 113. (A)
- Edmands, Thomas F. (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1894.
- Edmonds, J. W. (of New York). Member of Board of Visitors U. S. M. A., 1836.
- Edmunds, Frank Heartt (U. S. M. A., 1871). Died June 18, 1900, aged 51. Photograph in Albums of officers' mess.
 ——— Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
 ——— Battle tactics. *Jour. Mil. Serv. Inst. U. S.*, vol. 12, p. 1202. (A)
 ——— Comment on The three battalion organization. *Jour. Mil. Serv. Inst. U. S.*, vol. 14, p. 1257; vol. 15, p. 340. (A)
 ——— Review of Hamlin's Battle of Chancellorsville, p. 437; Review of Rowans Island of Cuba, p. 641. *Jour. Mil. Serv. Inst. U. S.*, vol. 20. (A)
 ——— Review of Wilson's General Grant. *Jour. Mil. Serv. Inst. U. S.*, vol. 21, p. 218. (A)
 ——— Reviews of Du Vernois's War game simplified. *Jour. Mil. Serv. Inst. U. S.*, vol. 22, p. 660. (A)
- Edmunds, George F. (of Vermont). Member of Board of Visitors to U. S. M. A. in 1880.
- Edson, Theodore (U. S. M. A., 1860). Died Nov. 17, 1870, aged 32. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1871. (A)
 ——— Instructor of ordnance and gunnery U. S. M. A., 1869-70.
 ——— Mann 8-inch B. L. rifle, trial of. Rept. Chief of Ord., 1872, p. 111. (C)

- Edwards, Albert Gallatin** (U. S. M. A., 1832). Died Apr. 20, 1897, aged 80. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1895. (A)
- Member of Board of Visitors to U. S. M. A. in 1871.
- Edwards, Rev. Dr. Arthur** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1889.
- Edwards, Clarence Ransom** (U. S. M. A., 1883). Field training year, etc., at Fort Niueces. *Jour. Mil. Serv. Inst. U. S.*, vol. 22, p. 558. (A)
- and Bates, Alfred Elliott (U. S. M. A., 1865). Memorandum for the Secretary of War on currency and exchange in the Philippines. . . . Washington, 1900. 1 vol., O., 66 pp. (A)
- Edwards, John, jr.** (U. S. M. A., 1851). Died Oct. 12, 1881, aged 51. Engraving owned by Assoc. Grads. U. S. M. A.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1882. (A)
- Edwards, N. W.** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1868.
- Edwards, Samuel** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1839.
- Elbooc, John**. Member of Board of Visitors to U. S. M. A. in 1819.
- Elderkin, Noble S.** (of New York). Member of Board of Visitors to U. S. M. A. in 1857.
- Elderkin, William Anthony** (U. S. M. A., 1861). Died Dec. 31, 1899, aged 51. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Eldridge, Charles A.** (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1859.
- Eliot, Dr. Charles W.** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1872.
- Eliot, Rev. William G.** (of Missouri). Member of Board of Visitors to U. S. M. A. in 1864.
- Ellet, William H.** (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1839.
- Ellicott, Andrew**. Professor of mathematics, U. S. M. A., 1813-1820.
- Elliot, George Henry** (U. S. M. A., 1855). Died Mar. 23, 1900, aged 67. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Tide observations. U. S. Coast Survey Rept., 1857, p. 114. (A)
- Charge of tidal observations in sects 10 and 11. U. S. Coast Survey, Rept., 1858, pp. 115, 118; 1859, pp. 101, 104; 1861, pp. 22, 69, 71. (A)
- Charge of tidal observations in California and Oregon. U. S. Coast Survey Rept., 1860; 98, 101. (A)
- Supervision of tidal observations on the Pacific coast. U. S. Coast Survey Rept., 1862, pp. 61, 63; 1863, pp. 57, 58. (A)
- Specifications and forms of contract, etc. (for Washington Aqueduct). 1871.
- Project, plan, estimate, etc., for the improvement of Edenton Harbor, N. C. Rept. Chief of Eng., 1873, pp. 855, 857. (C)
- Block Island Harbor, R. I. Rept. Chief of Eng., 1883, p. 497; 1884, p. 628; 1885, p. 607; 1886, pp. 611, 613. (C)
- Pawtucket River, R. I. Rept. Chief of Eng., 1884, pp. 85, 613; 1885, p. 593; 1887, p. 548. (C)
- Elliot, George Henry**. Project, plan, estimate, etc., for the improvement of Nantucket Harbor, Mass. Rept. Chief of Eng., 1885, pp. 570. (C)
- Providence River, R. I. Rept. Chief of Eng., 1885, p. 602; 1886, pp. 75, 608; 1887, p. 553; 1892, pp. 621, 622. (C)
- Hyannis Harbor, Breakwater, Mass. Rept. Chief of Eng., 1885, p. 621. 1887, p. 589; 1887, p. 532; 1892, p. 508. (C)
- Warren River, R. I. Rept. Chief of Eng., 1885, p. 628; 1887, p. 547. (C)
- Cottage City Harbor, Mass. Rept. Chief of Eng., 1887, p. 599. (C)
- Menemsha Harbor, Mass. Rept. Chief of Eng., 1887, p. 571. (C)
- Narragansett Bay (Little), R. I. and Conn. Rept. Chief of Eng., 1887, p. 572. (C)
- Bridge of the Boston and Providence Railroad Company. Rept. Chief of Eng., 1888, p. 2529. (C)
- Washington Aqueduct, D. C. Rept. Chief of Eng., 1890, p. 3509. (C)
- Water supply of Washington, D. C. Rept. Chief of Eng., 1894, p. 3231. (A)
- The Presidio of San Francisco, Cal. 1874.
- Report of a tour of inspection of European light-house establishments, made in 1873. . . . Washington, 1874. 1 vol., O., 2 copies. (U. S. Light-House Board.) No. 1581, doc. 54. (A)
- See Boards—Elliot; Craighill, 19; Newton, 5. (A)
- Elliot, William George** (U. S. M. A., 1886). Died Aug. 11, 1898, aged 35. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1899. (A)
- Elliott, John** (U. S. M. A., 1861). Died Apr. 15, 1871, aged 29. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1871. (A)
- Ellis, Eugene Albion** (U. S. M. A., 1876). Photograph in Albums of officers' mess.
- The Russian regular cavalry. *Jour. Cav. Assoc.*, 1888, p. 196. (A)
- Discipline—its importance, etc. (Prize essay.) *Jour. Mil. Serv. Inst. U. S.*, vol. 16, p. 211. (A)
- The new carbine and new target practice. *Jour. Mil. Serv. Inst. U. S.*, vol. 22, p. 247. (A)
- Ellis, Wilmot Edward** (U. S. M. A., 1889). [Translation of Curey's.] A project for the regulation of sea-coast artillery fire, applicable to the Russian artillery. *Jour. U. S. Art.*, vol. 14, p. 304.
- The development of the modern field artillery. *Jour. U. S. Art.*, vol. 16, p. 117.
- Ellsworth, H. L.** (of Connecticut). Member of Board of Visitors to U. S. M. A. in 1832.
- Elting, Norman** (U. S. M. A., 1843). Died Apr. 20, 1889, aged 67. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1889. (A)
- Ely, Frank David** (U. S. M. A., 1894). Miscellaneous records for the use of companies, troops and batteries of the United States forces. Kansas City, [n. d.]. 1 vol., F., 152 pp.
- Property book for the use of companies, troops, and batteries of the United States forces. Kansas City, [n. d.]. 1 vol., F., 73 pp.

- Elzey, Arnold (U. S. M. A., 1837). Died Feb. 21, 1871, aged 54. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1871. (A)
- Embry, James H. (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1866.
- Emerson, Ralph W. (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1863.
- Emory, Campbell Dallas (U. S. M. A. 1861). Died Mar. 11, 1878, aged 38. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1878. (A)
- Emory, Thomas (of Maryland). Member of Board of Visitors to U. S. M. A. in 1828.
- Emory, William Helmsley (U. S. M. A., 1831). Died Dec. 1, 1887, aged 76. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A. — Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1888; *Harper's New Monthly Mag.*, vol. 76 (1888), p. 483. (A)
- Notes of a military reconnoissance from Fort Leavenworth, in Mississippi, to San Diego, Cal., including parts of the Arkansas, Del Norte, and Gila rivers. Washington, 1848. 1 vol., O. 30th Cong. 1st sess., Senate Ex. Doc. No. 7; Explorations and Surveys. (A)
- Observations, astronomical, magnetic, and meteorological, made at Chagres and Gorgona, Isthmus of Darien, and at the city of Panama, New Grenada. Cambridge, 1850.
- Report upon the United States and Mexican boundary survey and appendices. Washington, 1857-1859.
- [Origin of the thimble belt.] *Jour. U. S. Cav. Assoc.*, 1866, p. 201. (A)
- Empie, Adam. Professor of geography, history, and ethics. 1814-1817.
- Treasurer U. S. M. A. Mar. 14, 1815, to Sept. 31, 1816.
- Engineer Department, U. S. Army.** Maps. Map of Northeastern Virginia, and vicinity of Washington. Compiled in Topographical Engineers' Office Jan. 1, 1862, and corrected under direction of Topographical Engineers Aug. 1, 1862.
- Extract of, showing forts and roads about Washington. 1865.
- Organization of the bridge equipage of the U. S. Army, with directions for the construction of military bridges. Prepared by a board of engineer officers. O. with vol. of plates. Washington, 1870.
- Kansas and Texas, States of, and Indian Territory, with parts of the Territories of Colorado and New Mexico; prepared in the office of the Chief of Engineers, U. S. Army, 1867. 2d ed., with corrections, issued in 1874 (in 4 sheets).
- Atlanta campaign, map I, embracing the region from the Tennessee River to the Post-aula River, 1864. Compiled in the Engineer Bureau, War Department, 1875.
- Map II, includes the region from Reseca on the north to Ackworth on the south, 1864. Compiled in the Engineer Bureau, War Department, 1877.
- Map III includes the region extending from Rome, Kingston, and Cassville on the north, to include Dallas and Marietta on the south, 1864. Compiled in the Engineer Bureau, War Department, 1876.
- Engineer Department, U. S. Army.** Atlanta campaign, map IV, illustrating the military operations of the; embracing the region from Pine, Lost, and Kennesaw mountains, south, to include Atlanta and its environs, exhibiting the lines of operations at Pine, Lost, and Kennesaw mountains, at Smyrna camp ground, along the Chattahoochie River, and the investment of Atlanta, 1864. Compiled in the Engineer Bureau, War Department, 1877.
- Map V, includes the region from the Chattahoochie River, south, to Jonesboro and Lovejoy Station, and exhibits the works of the United States and Confederate forces, 1864. Compiled in the Engineer Bureau, War Department, 1877.
- Alluvial valley of the Mississippi River from the head of the Gulf of Mexico, 1887.
- English, Thomas Cooper (U. S. M. A., 1849). Died June 10, 1876, aged 48. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1876. (A)
- Ennis, William (U. S. M. A., 1864). Note on operations of artillery battalion in Santiago campaign. *Jour. U. S. Art.*, vol. 11, p. 191.
- Ernst, Oswald Herbert (U. S. M. A., 1864). Portrait (oil painting by R. Hinckley, 1897). Presented by U. S. M. A., 1897. In the Cadet Mess Hall.
- Photograph in Albums of officers' mess.
- Instructor of practical engineering, U. S. M. A., 1871-1878.
- Twenty-fourth Superintendent from Mar. 31, 1893, to Aug. 21, 1898. Reports as Supt. U. S. M. A., 1893-1898.
- Description of a blast at Lime Point, Cal., etc. *Essays Club Papers*, No. 9, 1869. (A)
- An account of the eclipse of 1870 in Spain. *Essays Club Papers*, No. 18, 1871. (A)
- A manual of practical military engineering, prepared for . . . U. S. M. A., and for engineer troops . . . New York, 1873. 1 vol., O. (A)
- Author of various articles on military subjects in Johnson's Cyclopædia. 1874-1876.
- Project, plan, estimate, etc., for the improvement of Mississippi River between the mouths of the Illinois and Ohio rivers. Rept. Chief of Eng., 1881, pp. 1573, 1598; 1882, pp. 1644, 1650. (C)
- St. Louis, Mo. Rept. Chief of Eng., 1881, pp. 1581, 1582. (C)
- Meramac River, Mo. Rept. Chief of Eng., 1881, p. 1597. (C)
- Osage River, Mo. and Kans. Rept. Chief of Eng., 1885, p. 1658. (C)
- Cedar Bayou, Tex. Rept. Chief of Eng., 1887, p. 1436. (C)
- Trinity River, Tex. Rept. Chief of Eng., 1889, p. 1558, 1892, p. 1541. (C)
- Rio Grande River, N. Mex. Rept. Chief of Eng., 1889, p. 1572. (C)
- Guadalupe River, Tex. Rept. Chief of Eng., 1889, p. 1578. (C)

- Ernst, Oswald Herbert** Project, plan, estimate, etc., for the improvement of Caney Creek, Tex. Rept. Chief of Eng., 1880, p. 1581. (C)
- Curtis Bay, Baltimore Harbor, Md. Rept. Chief of Eng., 1901, p. 1305. (A)
- Bound volume of 23 photographs, illustrating details of improvements of the Mississippi River between the Illinois and Ohio rivers, under his direction. Photographed by Lieut. F. V. Abbot, Corps of Engineers. (A)
- See Boards—Abbot, 3; Comstock, 10, Merrill, 6; Suter, 1. See Commissions—Comstock, 1, 2; Gillmore, 2; Suter, 1, 2, 3. (A)
- Eustis, Abram** (of U. S. Army). Member of Board of Visitors to U. S. M. A. in 1825 and in 1841.
- Eustis, Henry Lawrence** (U. S. M. A., 1842). Died Jan. 11, 1885, aged 65. Marble relief portrait and photographic portrait in Lawrence Scientific School, Harvard University.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1885. (A)
- Eustis, William** (U. S. M. A., 1830). Died July 4, 1889, aged 70. Obituary in Ann. Assoc. Grads. 1893. (A)
- Evans, Andrew Wallace** (U. S. M. A., 1852). Barometer observations, sec. 1, p. 28; Tidal computations, p. 87. U. S. Coast Survey Rept., 1853.
- Evans, Dudley** (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1900.
- Evans, Ellwood Waller** (U. S. M. A., 1887). Throwing horses. Jour. Cav. Assoc. 1892, p. 100. (A)
- Evans, George F.** (of Maine). Member of Board of Visitors to U. S. M. A. in 1897.
- Evans, Robert Kennon** (U. S. M. A., 1875). The infantry of our Regular Army. Prize memoir for Inf. Soc., 1898.
- Evans, William Pierce** (U. S. M. A., 1878). Photograph in Albums of officers' mess.
- Courts-martial. Jour. Mil. Serv. Inst. U. S., vol. 12, p. 1004. (A)
- Comment on The power of military courts. Jour. Mil. Serv. Inst. U. S., vol. 13, p. 1187. (A)
- Comment on The three-battalion organization. Jour. Mil. Serv. Inst. U. S., vol. 14, p. 1032. (A)
- Comment on The Judge-Advocate's Department. Jour. Mil. Serv. Inst. U. S., vol. 15, p. 1227. (A)
- Everett, Edward** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1825.
- Everett, Surg. J.** (of U. S. Army). Member of Board of Visitors to U. S. M. A. in 1831.
- Everett, Dr. William** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1887.
- Everett, William** (U. S. M. A., 1868). Died Mar. 15, 1899, aged 51. Obituary in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Ewell, Benjamin Stoddert** (U. S. M. A., 1832). Died June 19, 1894, aged 84. Obituary in Ann. Assoc. Grads. U. S. M. A., 1895. (A)
- Ewell, Richard Stoddert** (U. S. M. A., 1840). Died Jan. 25, 1872, aged 55. Engraving (by O'Neill). Owned by Assoc. Grads. U. S. M. A.
- Ewell, Richard Stoddert**. Obituary in Ann. Assoc. Grads. U. S. M. A., 1872. (A)
- Office duty, relieved. U. S. Coast Survey Rept., 1846, p. 35. (A)
- Brown (Campbell). Gen. R. S. Ewell at Bull Run. Century Mag., vol. 20, p. 777.
- Ewing, William B.** (of —). Member of Board of Visitors to U. S. M. A. in 1831.
- Fahnestock, Simon Snyder** (U. S. M. A., 1841). Died June 15, 1870, aged 57. Obituary in Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- Fairchild, Charles S.** (of New York). Member of Board of Visitors to U. S. M. A. in 1893.
- Fairchild, Lucius** (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1892.
- Fairecloth, W. T.** (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1898.
- Farley, John** (U. S. M. A., 1823). Died July 31, 1874, aged 71. Obituary in Ann. Assoc. Grads. U. S. M. A., 1875. (A)
- Charge of engraving. U. S. Coast Survey Rept., 1844, p. 17; 1845, p. 33; 1846, p. —. (A)
- Views at New Bedford, p. 12; at Annapolis, 24. U. S. Coast Survey Rept., 1845. (A)
- Views, Edgartown, Hyannis, and Nantucket, p. 17; Delaware overfalls, p. 22. U. S. Coast Survey Rept., 1847. (A)
- Triangulation, sec. 3. U. S. Coast Survey Rept., 1847, p. 28; 1848, p. 35; 1849, p. 32; 1850, p. 27; 1851, p. 50; 1852, p. 27; 1853, p. 41. (A)
- Views for No. 1, Eastern series. U. S. Coast Survey Rept., 1850, p. 20. (A)
- Base measurement, U. S. Coast Survey Rept., 1853, pp. 41-42. (A)
- Triangulation, James River, Va. U. S. Coast Survey Rept., 1853, p. 42; 1854, p. 46; 1855, p. 49; 1856, pp. 46, 94; 1857, p. 54. (A)
- Signal for secondary stations. U. S. Coast Survey Rept., 1855, pp. 19, 49, 50, 363-364. (A)
- Triangulation, St. Marys, Potomac, and Curratoman rivers. U. S. Coast Survey Rept., 1857, p. 53. (A)
- Triangulation of Potomac River. U. S. Coast Survey Rept., 1858, p. 60; 1859, p. 52. (A)
- Triangulation of Hampton Roads. U. S. Coast Survey Rept., 1859, p. 53. (A)
- Triangulation of the Patuxent and Potomac rivers. U. S. Coast Survey Rept., 1860, pp. 48, 49. (A)
- Triangulation of Potomac River near Piney Point. U. S. Coast Survey Rept., 1861, p. 39. (A)
- Triangulation of the coast of New Jersey. U. S. Coast Survey Rept., 1861, p. 36; 1862, p. 31. (A)
- Triangulation near Abscom, N. J. U. S. Coast Survey Rept., 1863, p. 29. (A)
- Farley, Joseph Pearson** (U. S. M. A., 1861). Photograph in Albums of officers' mess.
- Anomalies of small-arm practice, p. 163; Velocity of bullet in rifle bore, p. 166. Rept. Chief of Ord., 1878. (C)
- Powder depot, United States; Annual report, guardhouse, magazines roads, etc., p. 87; Detail of magazine construction at, p. 92;

- Railroad at, p. 92. Rept. Chief of Ord., 1884. (C)
- Farley, Joseph Pearson. Annual report of, powder cases, p. 609; Additional details of magazine construction at United States powder depot, p. 613. Rept. Chief of Ord., 1885. (C)
- Steel, for gun construction, manufacture of, wire p. 328; Progress report on manufacture of, pneumatic dynamite guns, p. 364. Rept. Chief of Ord., 1890. (C)
- The U. S. magazine rifle and ballistics of the Springfield rifle [Reprint from Mil. Serv. Inst. Jour.] [n. p.], 1892. 1 vol., O., pp. 10, and 2 pp. pls. (A)
- High explosives and smokeless powder. [Reprint from Mil. Serv. Inst. Jour.] [n. p.], 1892. 1 vol., O., pp. 25. (A)
- Results of tests of Wetteren and Rifleite smokeless powders at Frankford Arsenal, p. 245; Result of Peyton smokeless-powder test at Frankford Arsenal, p. 248; Result of leather test at Frankford Arsenal, p. 249; Leonard, result of test at Frankford Arsenal, p. 249; Dupont smokeless powder, result of test at Frankford Arsenal, p. 252; Axtell smokeless powder, result of test at Frankford Arsenal, p. 253; Troisdorf smokeless powder, result of test at Frankford Arsenal, p. 254; Alters smokeless powder, results of test at Frankford Arsenal, p. 255; manufacture of ammunition for, caliber .30 rifle at Frankford Arsenal, p. 267; Ammunition experiments in regard to penetration, p. 269; Experiments with lubricants for caliber .30 ammunition, p. 270; Mauser anvil, experiments with, for, .30-caliber ammunition, p. 272; Rifles, record of caliber .45 and caliber .30, p. 707; Velocities, recoils, etc., of modern, table of rifles, p. 718. Rept. Chief of Ord., 1893. (C)
- Report on cupro-nickled steel and German silver for bullet jackets; Experiments with caliber .30 service and Hebler tubular bullets; Report of tests of smokeless powders; Description of eccentric caliber for armor-piercing projectiles, caliber 8, 10, and 12 inch; Report on manufacture, etc., of crusher gauges. Rept. Chief of Ord., 1894. (C)
- Report of the chemical laboratory; Description of F. A. 7-inch shrapnel, model 1896. Rept. Chief of Ord., 1896. (C)
- Report of principal operations at Watervliet Arsenal. Repts. Chief of Ord., 1899 and 1900. (C)
- Let the punishment fit the crime. Army and Navy Jour., Dec. 29, 1900, p. 424. (A)
- West Point in the early sixties, with incidents of the war. Ill. Troy, 1902. 1 vol., O. (A)
- Views and description of Watervliet Arsenal and Gun Factory; Notes on the construction of ordnance No. 78; *ibid.*, app. to No. 78; *ill.*, with pls. and photos. [Bound in 1 vol.] (A)
- Notes on small arms and ammunition. [Preface by Geo. Tucker Bispham; text from Jour. Mil. Serv. Inst. U. S., January, 1899, with addl. pls.; *ibid.*, November, 1891; *ibid.*, —, 18—; abstract of Munroe's lectures on chemistry and explosives. All bound in 1 vol., *ill.*, O.] (A)
- Farley, Joseph Pearson. Maximum initial velocity. Ord. Note 35, vol. 1, p. 241. (A)
- Report on revolver cartridges. Ord. Note 41, vol. 2, p. 205. (A)
- Comparison of Benton velocimeter with Le Boulangé chronograph. Ord. Note 44, vol. 2, p. 285. (A)
- The 16-inch breech-loading rifle; type, model 1895, dated Watervliet Arsenal, N. Y., Sept. 15, 1900. Ord. Const. Note No. 78. Reprint in Jour. U. S. Art., vol. 15, p. 298, to vol. 16, 40.
- Report on results of experiments, showing anomalies of small-arm practice. Ord. Note 86, vol. 3, p. 698. (A)
- Facts relating to high explosives. Jour. Mil. Serv. Inst. U. S., vol. 12, p. 1154. (A)
- Chemistry and explosives. Jour. Mil. Serv. Inst., U. S., vol. 13, p. 1220; vol. 14, p. 165. (A)
- Farnan, John. Member of Board of Visitors to U. S. M. A. in 1831.
- Farquhar, Francis Ulric (U. S. M. A., 1861). Died July 3, 1883, aged 45. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1884. (A)
- Treasurer U. S. M. A. Aug. 31, 1864, to June 16, 1865.
- Project, plan, estimate, etc., for the improvement of Conneaut Harbor, Ohio. Rept. Chief of Eng., 1866, vol. 4, pp. 7, 73. (C)
- Ashtabula Harbor, Ohio. Rept. Chief of Eng., 1866, vol. 4, pp. 11, 12. (C)
- St. Joseph Harbor, Mich. Rept. Chief of Eng., 1867, pp. 34, 97; 1869, pp. 34, 97, 98; 1874, vol. 1, pp. 194, 195; 1876, vol. 2, p. 518. (C)
- Minnesota River, Minn. Rept. Chief of Eng., 1868, p. 360; 1875, vol. 1, pp. 360, 362, 364, 365, 441; 1876, vol. 1, p. 794; 1878, p. 728; 1879, pp. 135, 1183, 1185. (C)
- Manistee River, Mich. Rept. Chief of Eng., 1869, pp. 30, 88; 1870, p. 40; 1871, p. 136; 1874, vol. 1, p. 176; 1876, vol. 2, p. 460. (C)
- South Haven Harbor, Mich. Rept. Chief of Eng., 1869, pp. 79, 97; 1870, pp. 43, 142; 1872, p. 193; 1874, vol. 1, p. 192; 1876, vol. 2, pp. 512, 513. (C)
- Black Lake Harbor, Mich. Rept. Chief of Eng., 1869, pp. 85, 98; 1870, pp. 42, 139, 146; 1876, vol. 2, p. 503. (C)
- White River Harbor, Mich. Rept. Chief of Eng., 1869, p. 91; 1871, pp. 39, 144; 1876, vol. 2, p. 482. (C)
- Saugatuck Harbor, Mich. Rept. Chief of Eng., 1869, pp. 96, 100, 101; 1870, p. 141; 1871, pp. 41, 152; 1872, pp. 38, 192; 1874, vol. 1, p. 199; 1876, vol. 2, pp. 507, 510. (C)
- Frankfort (Aux Bees Scies) Harbor, Mich. Rept. Chief of Eng., 1869, p. 102; 1870, p. 129; 1871, p. 132; 1872, p. 36. (C)
- Leland Harbor, Mich. Rept. Chief of Eng., 1870, p. 149. (C)

- Farquhar, Francis Ulric. Project, plan, estimate, etc., for the improvement of Pentwater Harbor, Mich. Rept. Chief of Eng., 1871, pp. 39, 140, 141; 1872, p. 187. (C)
- Alpena Harbor, Mich. Rept. Chief of Eng., 1871, pp. 158, 159. (C)
- Mackinac City, Mich. Rept. Chief of Eng., 1871, pp. 160, 161. (C)
- Cheboygan Harbor, Mich. Rept. Chief of Eng., 1871, pp. 183, 185, 186, 1880, p. 219; 1887, p. 2247. (C)
- Superior Bay, Wis. Rept. Chief of Eng., 1873, p. 132; 1874, vol. 1, p. 133. (C)
- Duluth Harbor, Minn. Rept. Chief of Eng., 1873, p. 135; 1874, pp. 132, 133; 1875, vol. 1, p. 182; 1876, vol. 2, p. 318; 1877, p. 838; 1880, p. 200.
- Eagle Harbor, Mich. Rept. Chief of Eng., 1873, p. 137; 1874, vol. 1, p. 136; 1877, p. 845. (C)
- Mississippi River, Falls of St. Anthony. Rept. Chief of Eng., 1873, p. 409; 1874, vol. 1, p. 281; 1876, p. 700. (C)
- Galena River and Harbor, Ill. Rept. Chief of Eng., 1874, vol. 1, pp. 200, 201, 202; 1878, p. 98; 1880, p. 1548. (C)
- Red River of the North, Minn. Rept. Chief of Eng., 1874, vol. 1, pp. 207, 208. (C)
- Mississippi River, above the Falls of St. Anthony. Rept. Chief of Eng., 1874, vol. 1, p. 300; 1875, vol. 1, p. 350; 1875, vol. 2, pp. 441, 449, 450, 452; 1877, p. 570; 1878, pp. 90, 727; 1879, pp. 1160, 1166; 1880, p. 1572; 1886, p. 1483; 1887, p. 1664. (C)
- Grand Marais Harbor, Minn. Rept. Chief of Eng., 1875, vol. 1, p. 184; 1879, p. 150; 1880, pp. 1882, 1883; 1886, p. 200; 1889, p. 1096; 1892, p. 2122. (C)
- St. Croix River, Wis. and Minn. Rept. Chief of Eng., 1875, vol. 1, p. 375; 1878, p. 100; 1879, p. 1182. (C)
- Mississippi River reservoirs. Rept. Chief of Eng., 1875, vol. 2, p. 441. (C)
- Bridge across the St. Croix River at Stillwater Minn. Rept. Chief of Eng., 1876, pp. 314, 315. (C)
- Chippewa River, Wis. Rept. Chief of Eng., 1876, vol. 1, pp. 707, 708; 1877, p. 574; 1878, p. 720; 1879, p. 1169. (C)
- Chippewa River, including Yellow Banks, Wis. Rept. Chief of Eng., 1877, p. 574; 1880, p. 179. (C)
- Mississippi River, between Falls of St. Anthony and Cairo. Rept. Chief of Eng., 1879, pp. 130, 131, 1130, 1131, 1137, 1150. (C)
- Burlington Harbor, Iowa. Rept. Chief of Eng., 1879, pp. 131, 1138. (C)
- Quincy Harbor, Mississippi River, Ill. Rept. Chief of Eng., 1879, pp. 1130, 1131. (C)
- Muscatine Harbor (Mississippi River), Iowa. Rept. Chief of Eng., 1879, p. 1137. (C)
- Alexandria Harbor, Mo. Rept. Chief of Eng., 1879, p. 1150. (C)
- Au Sable River and Harbor, Mich. Rept. Chief of Eng., 1883, p. 1857. (C)

- Farquhar, Francis Ulric. Project, plan, estimate, etc., for the improvement of St. Clair Flats Ship Canal, Mich. Rept. Chief of Eng., 1883, pp. 1877, 1879, 1880; 1884, p. 306. (C)
- Detroit River, Mich. Rept. Chief of Eng., 1883, p. 1888, 1889, p. 120; 1887, p. 2208. (C)
- Caseville, Mich. Rept. Chief of Eng., 1884, p. 2177. (C)
- The preservation of the Falls of St. Anthony. Pl. and 2 maps, O. Trans. Amer. Soc. Civ. Eng., vol. 12, pp. 393, 411. 1883.
- See Boards—Farquhar; Comstock, 2, 3, Houshon, 4; Macomb, 9, 13, 14, 15, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30; Reynolds, 1; Rollett, 1; Woodruff, 8, 10. (A)
- Farragut, Loyall (U. S. M. A., 1868). Editor of Life and letters of Admiral Farragut.
- Farrelly, Terence (of Arkansas). Member of Board of Visitors to U. S. M. A. in 1852.
- Farrow, Edward Samuel (U. S. M. A., 1876). Photograph in Albums of officers' mess.
- Military system of gymnastic exercises and a system of swimming. 1 pam., O. 1881. (A)
- Mountain scouting: a handbook for officers and soldiers on the frontiers. . . . New York, 1881. 1 vol., O. (A)
- Pack mules and packing. . . . New York, 1881. 1 pam., bound, O. (A)
- Camping on the trail; or, Some of my experiences in the Indian country, containing numerous notes on the art of travel, Ill. Philadelphia 1902. 1 vol., O. (A)
- Treatment of the apparently drowned. 1 pam., 3 pp., O. [n.d.] (A)
- Military encyclopedia. . . . Ill., with maps and about 3,000 wood eng. . . . 3 vols., Q. (A)
- American sporting arms.
- Requirements for entering the Military Academy.
- Faville, Gran (of Iowa). Member of Board of Visitors to U. S. M. A. in 1863.
- Fay, H. H. (of Rhode Island). Member of Board of Visitors to U. S. M. A. in 1875.
- Fay, Heman Allen (U. S. M. A., 1808). Official account of battles fought between the Army and Navy of the United States and Great Britain in 1812-1815. 1815.
- Felton, William H. (of Georgia). Member of Board of Visitors to U. S. M. A. in 1880.
- Feltus, Henry James (U. S. M. A., 1826). Died July 12, 1871, aged 70. Obituary in Ann. Assoc. Grads. U. S. M. A., 1872. (A)
- Fenner, James. Member of Board of Visitors to U. S. M. A. in 1833.
- Fenwick, John R. (of U. S. Army). Member of Board of Visitors to U. S. M. A. in 1839, in 1833, and in 1839.
- Ferris, C. G. (of New York). Member of Board of Visitors to U. S. M. A. in 1835.
- Ferris, Samuel Peter (U. S. M. A., 1861). Died Feb. 4, 1882, aged 43. Obituary in Ann. Assoc. Grads. U. S. M. A. 1882. (A)
- Fessenden, John M. (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1865.

- Fessenden, John Milton (U. S. M. A., 1824). Died Feb. 8, 1883, aged 81. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1883. (A)
- Fieberger, Gustav Joseph (U. S. M. A., 1879). Professor of civil and military engineering, U. S. M. A. May 4, 1890. Project, plan, estimate, etc., for the improvement of Appomattox River, Va. Rept. Chief of Eng., 1889, p. 960. (C)
- Chuckatuck Creek, Va. Rept. Chief of Eng., 1889, p. 990. (C)
- Bennetts Creek, Va. Rept. Chief of Eng., 1889, p. 972. (C)
- Hampton Creek and Bar, Va. Rept. Chief of Eng., 1889, p. 975. (C)
- Norfolk Harbor, Va., and the approaches thereto. Rept. Chief of Eng., 1890, p. 1023. (C)
- Chickahominy River, Va. Rept. Chief of Eng., 1891, p. 1306. (C)
- Lynn Haven Bay, waterway connecting with Eastern Branch of Elizabeth River, Va. Rept. Chief of Eng., 1891, p. 1312. (C)
- Nottoway River, Va. Rept. Chief of Eng., 1891, p. 1316. (C)
- Northwest River, N. C. Rept. Chief of Eng., 1891, p. 1322. (C)
- West Neck River, Va. Rept. Chief of Eng., 1891, p. 1325. (C)
- Historical sketch of the department of civil and military engineering, U. S. M. A. In Rept. Supt. U. S. M. A., 1896, pp. 159-171. (A)
- Text-book on field fortification . . . 1st ed. . . . New York, 1901. 1 vol., O. (A)
- Campaign of Gettysburg. West Point, [n. d.]. 1 vol., O., 31 pp. (A)
- See Boards—Craighill, 13, 15. (A)
- Field, Charles William (U. S. M. A., 1849). Died Apr. 9, 1902, aged 64. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1893. (A)
- Findlay, John King (U. S. M. A., 1824). Died Sept. 13, 1885, aged 82. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1886. (A)
- Findlay, S. (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1830.
- Fish, Williston (U. S. M. A., 1881). Short stories, poems, sketches, etc. In *Harper's Mag.* and *Harper's Weekly, Puck, Time, Life*, etc., from 1883 to date.
- Short rations. [A story of Cadet and Army life.] JIL. New York, 1899. 1 vol. O.
- Won at West Point.
- Fisher, Robert J. (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1847.
- Fisk, Walter Leslie (U. S. M. A., 1877). Project, plan, estimate, etc., for the improvement of Tangipahoa River, La. Rept. Chief of Eng., 1888, p. 1245; 1889, p. 1527. (C)
- Bayou Teche, + canal connecting, with Grand Lake at Charenton, La. Rept. Chief of Eng., 1888, p. 1253. (C)
- Sabine River, La. and Tex. Rept. Chief of Eng., 1888, p. 1260. (C)
- Bayou, St. John, La. Rept. Chief of Eng., 1889, p. 1501. (C)
- Fisk, Walter Leslie. Project, plan, estimate, etc., for the improvement of Bayou Terrebonne, La. Rept. Chief of Eng., 1889, p. 1508. (C)
- Atchafalaya River, La. Rept. Chief of Eng., 1889, p. 1511. (C)
- Baton Rouge Harbor, La. Rept. Chief of Eng., 1889, p. 1511. (C)
- Bayou Des Glaisses, La. Rept. Chief of Eng., 1889, p. 1513; 1891, p. 1855. (C)
- Amite River and Bayou Manchac, La. Rept. Chief of Eng., 1890, p. 1515. (C)
- Tchenuette River and Bogue Falia (Falaya), La. Rept. Chief of Eng., 1889, p. 1530. (C)
- Tickfaw River, La. Rept. Chief of Eng., 1889, p. 1531. (C)
- Lake Pontchartrain, La. Rept. Chief of Eng., 1891, p. 1830. (C)
- Bayou Chevreuil and Bayou Tigre, La. Rept. Chief of Eng., 1891, p. 1841. (C)
- Bayou Black, La. Rept. Chief of Eng., 1891, p. 1849, 1851. (C)
- Berwick's Bay, La. Rept. Chief of Eng., 1891, p. 1848. (C)
- Bayou Cocodrie, La. Rept. Chief of Eng., 1891, p. 1850. (C)
- Bayou Vermillion, Bay and Passes, La. Rept. Chief of Eng., 1891, p. 1856. (C)
- St. Louis River, Minn. Rept. Chief of Eng., 1892, p. 2151. (C)
- Willamette River, Oreg. Rept. Chief of Eng., 1896, p. 3310; 1898, p. 3052. (A)
- Umpqua River, bar and entrance, Oreg. Rept. Chief of Eng., 1898, p. 2992. (A)
- Alsia River, Oreg. Rept. Chief of Eng., 1898, p. 2995. (A)
- Yaquina River, Oreg. Rept. Chief of Eng., 1898, p. 2997. (A)
- Siletz River, bar and entrance, Oreg. Rept. Chief of Eng., 1898, p. 2999. (A)
- Cape Lookout Harbor, Oreg. Rept. Chief of Eng., 1898, p. 3001. (A)
- Port Orford Harbor, Oreg. Rept. Chief of Eng., 1898, p. 3004. (A)
- Nehalem Bay, Oreg. Rept. Chief of Eng., 1898, p. 3010. (A)
- Scappoose Bay, Oreg. Rept. Chief of Eng., 1898, p. 3043. (A)
- Long Tom River, Oreg. Rept. Chief of Eng., 1898, p. 3045. (A)
- Santiam River, Oreg. Rept. Chief of Eng., 1898, p. 3048. (A)
- Clatskanie River, Oreg. Rept. Chief of Eng., 1898, p. 3050. (A)
- Tualitin River, Oreg. Rept. Chief of Eng., 1898, p. 3053. (A)
- Portland Harbor, Oreg. Rept. Chief of Eng., 1899, p. 3251. (A)
- Isles of Shoals, Me. and N. H. Rept. Chief of Eng., 1900, p. 1175. (A)
- Piers and breakwater, Rockport, Mass. Rept. Chief of Eng., 1900, p. 1177. (A)
- Lower Willamette and Columbia rivers, Oreg. Rept. Chief of Eng., 1900, p. 4416. (A)
- Portsmouth Harbor, N. H. Rept. Chief of Eng., 1901, pp. 1057, 1058. (A)

- Fisk, Walter Leslie** Project, plan, estimate, etc., for the improvement of Beverly Harbor, Mass. Rept. Chief of Eng., 1901, pp. 1066, 1098. (A)
- See Boards—Gillespie, 5. (A)
- Fisk, Willbur** (of Connecticut) Member of Board of Visitors to U. S. M. A. in 1832.
- Fitch, Ashbel P.** (of New York) Member of Board of Visitors to U. S. M. A. in 1888 and in 1898.
- Fitch, Graham Denby** (U. S. M. A., 1882). Project, plan, estimate, etc., for the improvement of Georgiana Slough, Cal. Rept. Chief of Eng., 1895, p. 3329. (A)
- Mississippi River, first and second districts. Rept. Chief of Eng., 1895, p. 3756; 1896, p. 3598; 1897, p. 3606. (A)
- Wolf River, Tenn. Rept. Chief of Eng., 1896, p. 1793. (A)
- Caving of west bank of Mississippi River in front of Helena, Ark. Rept. Chief of Eng., 1896, p. 1795. (A)
- Oswego Harbor, N. Y. Rept. Chief of Eng., 1899, p. 3138. (A)
- Grasse River, N. Y. Rept. Chief of Eng., 1901, pp. 3378, 3384. (A)
- St. Lawrence River at head of Long Sault Island, N. Y. Rept. Chief of Eng., 1901, pp. 3359, 3391. (A)
- Fitzhugh, Henry William** (U. S. M. A., 1814). Died June 10, 1876, aged 70. Obituary in Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- Fitzpatrick, Patrick** (U. S. M. A., 1808). Died Sept. 23, 1884, aged 37. Obituary in Ann. Assoc. Grads. U. S. M. A., 1885. (A)
- Fitzsimmons, William Crittenden** (U. S. M. A., 1869). Editor Topeka Real Estate Register, 1870-1874.
- Editor Industrial Advocate, Lansing, Mich., 1874.
- Editor California Fruit Grower and State Journal of Horticulture, San Francisco, Cal., 1892-1896.
- Flagler, Clement Alexander Finley** (U. S. M. A., 1889). Project, plan, estimate, etc., for the improvement of Pensacola Harbor, Fla. Rept. Chief of Eng., 1900, p. 2121. (A)
- Ocklockonnee River, Fla. Rept. Chief of Eng., 1900, p. 2146. (A)
- Carrabelle Harbor, Fla. Rept. Chief of Eng., 1900, p. 2152; 1901, p. 1800. (A)
- Harbor lights, Dog Island, Fla. Rept. Chief of Eng., 1900, p. 2158. (A)
- Chattahoochee River, Ga. Rept. Chief of Eng., 1901, p. 1793. (A)
- See Boards—Quinn, 1. (A)
- Flagler, Daniel Webster** (U. S. M. A., 1861). Died Mar. 29, 1899, aged 63. Photograph in Albums of officers' mess.
- Engraving owned by Assoc. Grads. U. S. M. A.
- Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Rock Island Arsenal annual report, water power, etc. Rept. Chief of Ord., 1876, p. 254. (C)
- History of the Rock Island Arsenal . . . 1 vol., O. 1877. See Ord. Mem. No. 20.
- Flagler, Daniel Webster** Lindsay Thales, scheme of, to found a national university at Rock Island, p. 71; Proposed military prison at Rock Island, p. 272; Report of principal operations at Rock Island Arsenal for 1877, p. 355; Traffic on Rock Island bridge, p. 358. Rept. Chief of Ord., 1877. (C)
- Rock Island Arsenal, principal operations, 1879, p. 201, Stairway, circular at Rock Island Arsenal, p. 201, Boilers at Rock Island Arsenal, method of setting up, p. 205. Rept. Chief of Ord., 1879. (C)
- Rock Island Arsenal iron-finish shops and rolling mill, p. 251; Rock Island Arsenal, method of building foundations, p. 253. Description of machine in operation at Rock Island Arsenal for making paper targets, p. 291; Rack for small arms, p. 265. Rept. Chief of Ord., 1880. (C)
- Rock Island Arsenal, report of commanding officer, description of waterworks, etc., p. 57, Rock Island Arsenal, special hydraulic jack for lifting water gates, p. 64; Fabrication of centers for targets, p. 108, Harness for Laidley cavalry forge, description of, p. 111. Rept. Chief of Ord., 1881. (C)
- Rock Island Arsenal, errors in laying water-power transmission shafting. Rept. Chief of Ord., 1882, p. 92. (C)
- Arm racks for rifles, carbines, and revolvers improved, p. 133, Work on shops H, T, K, etc., annual Report, Rock Island Arsenal, p. 413; Beton and concrete floors and walks at Rock Island Arsenal, construction of, p. 415; Rock Island Arsenal storehouses, plans, etc., p. 416. Rept. Chief of Ord., 1883. (C)
- Rock Island Arsenal, annual report shop K, storehouse A, etc., p. 79; Finishing and stocking shop for Rock Island Arsenal, p. 80; Rock Island Arsenal, improvement of grounds, p. 81; Rock Island Arsenal machinery and shop fixtures, p. 83; Rolling mill, improvements in, Rock Island Arsenal, p. 84, Water power at Rock Island Arsenal, p. 85. Rept. Chief of Ord., 1884. (C)
- Rock Island Arsenal, annual report, 1885, p. 619; Rock Island Arsenal, description of "digger" to remove deposits where there is a strong current, p. 622; Marksman's pins and sharpshooter's badges, fabrication of, p. 626; Fabrication of skirmish targets, cloths and paper skirmish targets at Rock Island Arsenal, p. 626. Rept. Chief of Ord., 1885. (C)
- Madigan box for packing ammunition, objections to. Rept. Chief of Ord., 1886, p. 476. (C)
- Analysis of, Morse and service small-arm cartridges, p. 371, Report of board on location of gun factory, p. 375. Rept. Chief of Ord., 1889. (C)
- Purchasing supplies for Ordnance Department, evils of present method of. Rept. Chief of Ord., 1890, p. 195; 1891, p. 94. (C)
- Reports as Chief of Ordnance, U. S. Army, 1891-1899. (C)
- work on shops G, H, I, and K, etc., annual report, Rock Island Arsenal, p. 78; Shrapnel

- specifications of the Hotchkiss and American Projectile Company's 3.2-inch, p. 957; Star, rests for gauge, p. 961; Instruments, reports of measuring and inspecting, p. 961; Description and manufacture of targets for small arms, p. 983; Revolving, list of parts of, targets, p. 984. Rept. Chief of Ord., 1892. (C)
- Flagler, Daniel Webster.** Report on foundation of shop G, Rock Island Arsenal. Rept. Chief of Ord., 1897. (C)
- Description of harness manufactured at Rock Island Arsenal for the Laidley cavalry forge. Ord. Note 138, vol. 5. (A)
- Report on an improved arm rack for rifles, carbines, and revolvers, manufactured at the Rock Island Arsenal. Ord. Note 208, vol. 10. (A)
- Stencil outfit for companies. Ord. Note 344, vol. 12. (A)
- Flanders, Henry** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1888
- Fleming, Hugh Brady** (U. S. M. A., 1852). Died Apr. 9, 1895, aged 67. Obituary in Ann. Assoc. Grads. U. S. M. A., 1895. (A)
- Fleming, James E.** (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1897.
- Fletcher, Robert** (U. S. M. A., 1868). On prehistoric trephining and cranial amulets. 1882. In U. S. Dept. of the Interior. U. S. Geogr. and Geol. Survey of the Rocky Mountain Region. Cont. to North Amer. Eth., vol. 5
- Contributor to engineering periodicals.
- Flint, Franklin Foster** (U. S. M. A., 1841). Died Sept. 15, 1891, aged 70. Obituary in Ann. Assoc. Grads. U. S. M. A., 1892. (A)
- Flipper, Henry Ossian** (U. S. M. A., 1877). The colored cadet at West Point. New York, 1878. 1 vol., O., por. (A)
- Translator of mining laws of Mexico, 1892.
- Compiled and translated Spanish and Mexican land laws for the Department of Justice, 1895.
- Floyd, Daniel Hezekiah** (U. S. M. A., 1870). Died Mar. 10, 1894, aged 45. Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Floyd, John G.** (of Indiana). Member of Board of Visitors to U. S. M. A. in 1842.
- Floyd, Judge W. W.** (of Arkansas). Member of Board of Visitors to U. S. M. A. in 1860.
- Floyd-Jones, De Lancey** (U. S. M. A., 1846). Died Jan. 19, 1902, aged 76. Letters from the Far East, being impressions of a tour around the world by way of England, India, China, and Japan during 1885-1886. 1 vol., O., 1887. (A)
- Letter on An East India Review, p. 269; Among the Mandarins (letter), p. 233; Our correspondent in Japan, p. 350. Jour. Mil. Serv. Inst. U. S., vol. 7. (A)
- Flynn, William Francis** (U. S. M. A., 1883). Photograph in Albums of officers' mess.
- Foltz, Frederick Steinman** (U. S. M. A., 1870). Photograph in Albums of officers' mess.
- French ideas on cavalry. Jour. Cav. Assoc., 1888, p. 100. (A)
- German ideas on cavalry. Jour. Cav. Assoc., vol. 1, p. 1. (A)
- Foltz, Frederick Steinman.** The training of the recruit. Jour. Cav. Assoc., 1895, p. 184. (A)
- Improved aluminum-mounted saber (Berlin). Jour. Cav. Assoc., 1897, p. 518. (A)
- A new test for glanders, p. 276; Five year enlistment for the cavalry, p. 332. Jour. Cav. Assoc., 1899. (A)
- Things we are forgetting, p. 284; The Mauser self loading pistol, p. 515. Jour. Mil. Serv. Inst. U. S., vol. 21. (A)
- Foote, Stephen Miller** (U. S. M. A., 1884). Heavy artillery target practice. Jour. Mil. Serv. Inst., vol. 11, p. 74. (A)
- Comment on Pettit's Proper military instructions of officers. Jour. Mil. Serv. Inst. U. S., vol. 20, p. 429. (A)
- Our volunteer armies (prize essay), p. 1; Reply to comment on Our volunteer armies, p. 634. Jour. Mil. Serv. Inst. U. S., vol. 22. (A)
- Field intrenchments for infantry. Jour. Mil. Serv. Inst. vol. 25, p. 71. (A)
- Foraker, Joseph B.** (of Ohio). Member of Board of Visitors to U. S. M. A. in 1897.
- Forbush, William Curtis** (U. S. M. A., 1868). American grasses and herbage. Jour. Mil. Serv. Inst., vol. 23, p. 53. (A)
- Fornance, James** (U. S. M. A., 1871). Died July 3, 1898, aged 48. Obituary in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Extended order. Jour. Mil. Serv. Inst. U. S., vol. 17, p. 477. (A)
- translator. The range finding field glass. Jour. Mil. Serv. Inst. U. S., vol. 21, p. 387. (A)
- Forse, Albert Gallatin** (U. S. M. A., 1865). Died July 1, 1898, aged 57. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Unshod horses. Jour. Cav. Assoc., 1889, p. 410. (A)
- Forsyth, James William** (U. S. M. A., 1856). Photograph (one of a group of general officers). See Sheridan (P. H.) in memorial hall.
- Military record of James William Forsyth. [n. p., n. d.] 1 vol., 12°, pp. 10.
- and Grant, Frederick Dent (U. S. M. A., 1871). Report of an expedition up the Yellowstone River, made in 1875. Washington, 1875. O. Explorations and Surveys. (A)
- See California, Department of. Annual report, 1895.
- editor of Jour. U. S. Cav. Assoc.
- Forsyth, John.** Member of Board of Visitors to U. S. M. A. in 1833.
- Forsyth, John.** Photograph in Albums of officers' mess
- oil portrait by Frank Fowler in the Library U. S. M. A.
- Professor of geography, history, and ethics, U. S. M. A., 1871-1881.
- and Michie (Prof. P. S.). L'Académie militaire des États-Unis. Rev. int. de l'enseign., tome 5, 1883, pp. 611 et seq. (A)
- Forsyth, William Woods** (U. S. M. A., 1882). Photograph in Albums of officers' mess
- Simple means for measuring width of streams. Jour. Cav. Assoc., 1898, p. 237. (A)

- Forsyth, William Woods**, translator. French view of American cavalry in war of secession. *Jour. Cav. Assoc.*, 1888, p. 313. (A)
- Fort, G. L.**, (of Illinois). Member of Board of Visitors to U. S. M. A. in 1878.
- Foster, Charles William** (U. S. M. A., 1876). [Translation of Chodon's] Fire maneuvers of artillery masses and the instruction to be drawn therefrom. *Jour. U. S. Art.*, vol. 2, p. 640.
- Foster, Claiborne Lee** (U. S. M. A., 1888). Died Aug. 10, 1890, aged 26. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1891. (A)
- Foster, John Gray** (U. S. M. A., 1846). Died Sept. 2, 1874, aged 51. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1875; *Harper's New Monthly Mag.*, vol. 40 (1874), p. 899. (A)
- Charge of drawing division. U. S. Coast Survey Rept., 1852, pp. 56-60. (A)
- Project, plan, estimate, etc., for the improvement of Boston Harbor, Mass. Rept. Chief of Eng., 1867, p. 474; 1870, p. 498. (C)
- Provincetown Harbor, Mass. Rept. Chief of Eng., 1868, pp. 808, 810; 1869, p. 420; 1870, pp. 78, 469. (C)
- Bridge from Boston to East Boston, Mass. Rept. Chief of Eng., 1868, pp. 821. (C)
- Cape Cod Ship-Canal, Mass. Rept. Chief of Eng., 1870, pp. 477, 483, 488, 489, 490; 1873, pp. 808, 815; 1876, vol. 1, pp. 321-331. (C)
- Gloucester Harbor, Mass. Rept. Chief of Eng. 1870, pp. 870, 872, 875. (C)
- Submarine blasting in Boston Harbor, Mass. . . . 1 pam., O., 1869. (A)
- Design for an improved submarine tunnel comprising a brick arch within a cast or wrought iron skin, laid in a trench dredged for that purpose. Q. Washington, 1872. (A)
- See Naglee (Gen. H. M.). Correspondence, orders, etc., between Gen. D. Hunter, General Foster, and General Naglee February and March, 1863. (C)
- See Boards—Bache, 4; Barnard, 1; Macomb, 9; Tower, 1; Woodruff, 3; Wright, 4. (A)
- Foster, Pierce Carrier** (U. S. M. A., 1890). Died May 22, 1899, aged 21. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1899. (A)
- Foster, R. C.** (of Tennessee). Member of Board of Visitors, U. S. M. A., 1836.
- Foster, Samuel Augustus** (U. S. M. A., 1860). Died Feb. 3, 1871, aged 34. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1871. (A)
- Fowle, John**. Commandant of cadets, U. S. M. A., 1833-1838.
- Fowler, Joshua Lounsberry** (U. S. M. A., 1868). Died July 11, 1899, aged 52. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Frank, Royal Thaxter** (U. S. M. A., 1858), editor. See *Artillery Circ. K*, Machine guns, 1899.
- Franklin, Capt. Samuel R.** (of U. S. Navy). Member of Board of Visitors to U. S. M. A., 1878.
- Franklin, Thomas**. Treasurer U. S. M. A., Jan. 8, 1902, to —.
- Franklin, William Buel** (U. S. M. A., 1843). Died Mar. 8, 1903, aged 80. (Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.)
- Photograph in Albums of officers' mess.
- Member of Board of Visitors to U. S. M. A. in 1868.
- National defense. *In North Amer. Rev.*, vol. 137, December, 1883.
- Rear guard fighting at Savage's station. *Century Mag.*, vol. 30, p. 454.
- Greene (Jacob L.). Gen. William B. Franklin and the operations of the left wing at the battle of Fredericksburg, Dec. 13, 1862. Hartford, Conn., 1901. 1 pam., bound. O. (A)
- See U. S. Coast Survey Rept., 1862, p. 39. (A)
- See Boards—Humphreys, 1. See Commissions—Humphreys, 1. (A)
- Franklin, W. S.** Member of Board of Visitors to U. S. M. A. in 1831.
- Fraser, William Davidson** (U. S. M. A., 1834). Died July 27, 1856, aged —. Project, plan, estimate, etc., for the improvement of East River, N. Y. Rept. Chief of Eng., 1868, pp. 733, 738. (C)
- Frazer, W. C.** (of Pennsylvania). Member Board of Visitors to U. S. M. A. in 1835.
- Freedley, Henry William** (U. S. M. A., 1853). Died Nov. 4, 1880, aged 57. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1890. (A)
- Freeman, Samuel Diggs** (U. S. M. A., 1883). Photograph in Albums of officers' mess.
- Freeman, Capt. W. G.** Member of Board of Visitors (inspection) to U. S. M. A. in 1843.
- Fremont, Sewall L.** (U. S. M. A., 1841). Died May 1, 1886, aged 69. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1886. (A)
- French, Asa** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1883.
- French, James Hansell** (U. S. M. A., 1874). Died Jan. 17, 1880, aged 28. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1880. (A)
- French, John Theodore** (U. S. M. A., 1876). Photograph in Albums of officers' mess.
- Comment on Extended order. *Jour. Mil. Serv. Inst. U. S.*, vol. 15, p. 337. (A)
- French, John W.** Chaplain and professor of geography, history, and ethics, U. S. M. A., 1856-1871.
- French, Samuel Gibbs** (U. S. M. A., 1843). Engraving. Owned by Assoc. Grads. U. S. M. A.
- Two wars. An autobiography. Ill. Nashville, 1901. 1 vol., O., por. (A)
- Reconnaissance of routes from San Antonio to El Paso. Explorations and Surveys. (A)
- Road between San Antonio and El Paso. p. 55. No. 362, doc. 64. (C)
- French, William Henry** (U. S. M. A., 1837). Died May 20, 1881, aged 66. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1881. (A)
- Manual of instruction for field artillery.
- Fries, Anton**. Assistant librarian U. S. M. A., from 1842 to February, 1894.
- Fritz, Peter** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1832.

- Frost, Daniel Marsh (U. S. M. A., 1844). Died Oct. 20, 1900, aged 77. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Member of Board of Visitors to U. S. M. A. in 1860.
- Fry, Cary Harrison (U. S. M. A., 1834). Died Mar. 5, 1873, aged 57. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1873. (A)
- Fry, James Barnett (U. S. M. A., 1847). Died July 11, 1894, aged 67. Photographs *in* Albums of officers' mess.
- Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1895. (A)
- Adjutant U. S. M. A., Aug. 1, 1854, to Aug. 31, 1859.
- Reports as Provost-Marshal-General, 1863-1866.
- A sketch of the Adjutant-General's Department, U. S. Army, 1775-1875. New York, 1875. 1 vol., O., pp. 104. (A)
- The history and legal effect of brevets in the armies of Great Britain and the United States from their origin in 1692 to the present time . . . 1 vol., O. New York, 1877. (A)
- Army sacrifices; or, Briefs from official pigeon-holes . . . of the services . . . of the Regular Army of the United States on the Indian frontier . . . 1 vol., O. 1879. (A)
- McDowell and Tyler in the campaign of Bull Run, 1861. New York, 1884. 1 vol., O. (A)
- Operations of the army under Buell from June 10 to Oct. 30, 1862, and the "Buell Commission." . . . New York, 1884. 1 vol., O., pp. 201. (A)
- Rev. ed. 1 vol., O. 1884. (A)
- New York and the conscription of 1863. New York, 1885. 1 vol., O., 85 pp. (A)
- An acquaintance with Grant. *In* North Amer. Rev., vol. 141, December, 1885. (A)
- Killed by a brother soldier; A chapter in the history of the war. New York, 1885. pp. 15.
- Letters. *In* North Amer. Rev., vol. 142, February, 1886.
- An open letter. *In* North Amer. Rev., vol. 142, March, 1886.
- Compulsory education in the Army. [New York, 1886.] 1 vol., O. (A)
- Grant and Matthew Arnold—"An estimate." *In* North Amer. Rev., vol. 144 (1887). (A)
- Mr. Matthew Arnold on America. *In* North Amer. Rev., vol. 146 (1888), p. 515.
- Lord Wolseley answered. *In* North Amer. Rev., vol. 149, December, 1889.
- Military miscellanies. New York, 1889. 1 vol., O., pp. 528. (A)
- The Conkling and Blaine-Fry controversy in 1866. The outbreak of the life-long feud between the two great statesmen, Roscoe Conkling and James G. Blaine . . . 1 vol., O. New York, 1893. (A)
- Origin and progress of the Military Service Institution of the U. S. Army. *Jour. Mil. Serv. Inst. U. S.*, vol. 1, p. 20. (A)
- Fry, James Barnett. Law in the Army, p. 78; A military court of appeal, p. 323. *Jour. Mil. Serv. Inst. U. S.*, vol. 2. (A)
- Letter on The command of the Army, p. 395; Notes on fundamental points in our military system, p. 461. *Jour. Mil. Serv. U. S.*, vol. 3. (A)
- Admission to the Military Academy. *Jour. Mil. Serv. Inst.*, vol. 4, p. 101. (A)
- The power of the Senate, p. 225; Comment on Naval and military pensions, p. 339; The Adjutant-General's Department, p. 686. *Jour. Mil. Serv. Inst. U. S.*, vol. 12. (A)
- Provost-Marshal-General, investigation of charges made by Roscoe Conkling against. No. 1272, doc. 93. (C)
- The number of Union troops engaged at Bull Run. *Century Mag.*, vol. 30, p. 317.
- Various reviews and magazine articles.
- and Wherry, William Macky. The command of the Army: A discussion on . . . the President's constitutional obligation to exercise actual command of the U. S. Army, and of the question of his power to delegate . . . New York, 1879. 1 part., O. (A)
- Frye, William P. (of Maine). Member of Board of Visitors to U. S. M. A. in 1895.
- Fuller, Charles Alexander (U. S. M. A., 1834). Died Dec. 16, 1890, aged 76. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1891. (A)
- Fuller, Ezra Bond (U. S. M. A., 1873). Photograph *in* Albums of officers' mess.
- Fuller, Jerome (of New York). Member of Board of Visitors to U. S. M. A. in 1849.
- Fuller, Lawson Mayo (U. S. M. A., 1891). Report on sights for 8, 10, and 12 inch B. L. rifles. Rept. Chief of Ord., 1895.
- Report on Tweedie (soft nosed) bullet, .30 caliber. Rept. Chief of Ord., 1896.
- Fuller, Robert O. (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1891.
- Fuller, William Duncan (U. S. M. A., 1861). Died Mar. 11, 1886, aged 49. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- Furlong, John William (U. S. M. A., 1891). Notes on training remounts, gaiting, and leading. *Jour. Cav. Assoc.*, 1899, p. 63. (A)
- translator. Maxims of Bancher. *Jour. Cav. Assoc.*, 1899, p. 94. (A)
- Gaillard, David Du Bose (U. S. M. A., 1884). Project, plan, estimate, etc. for the improvement of Portland Channel (Canal), Alaska. Rept. Chief of Eng., 1897, p. 3487. (A)
- water supply. D. C. Rept. Chief of Eng., 1898, p. 3642. (A)
- See Boards—Allen, 29; Black, 1. See Commissions—Marshall, 1, 2. (A)
- Gaillard, Peter Cheves (U. S. M. A., 1835). Died Jan. 11, 1889, aged 76. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Gaines, Maj. Gen. Edmund Pendleton. Member of Board of Visitors to U. S. M. A. in 1824.
- Gaither, James L. (of Maryland). Member of Board of Visitors to U. S. M. A. in 1851.
- Galbraith, Jacob Garretson (U. S. M. A., 1877). First Cavalry recruiting service in Iowa. *Jour. Cav. Assoc.*, 1894, p. 180. (A)

- Galbraith, Jacob Garretson. Principles of military administration. Jour. Cav. Assoc., 1895, p. 105. (A)
- The shelter tent for cavalry. Jour. Cav. Assoc., 1896, p. 254. (A)
- Galbraith, William Watts (U. S. M. A., 1877). Photograph in Albums of officers' mess.
- Gale, George Henry Goodwin (U. S. M. A., 1879). Photograph in Albums of officers' mess.
- Comment on Queries on the cavalry equipment. Jour. Mil. Serv. Inst., vol. 14, p. 384. (A)
- Gale, Levin. Member of Board of Visitors to U. S. M. A. in 1843.
- Gallagher, Hugh John (U. S. M. A., 1884). Cavalry in modern warfare. Jour. Cav. Assoc., 1896, p. 38. (A)
- Gallup, Charles Corser (U. S. M. A., 1888). Died Sept. 23, 1897, aged 34. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1898. (A)
- [Translation of] Mathematical aiming, by Admiral Reveillère, p. 662; Review of the naval annual, 1892, p. 674. Jour. U. S. Art., vol. 2.
- Development and construction of modern gun carriages for heavy artillery. Jour. U. S. Art., vol. 4, p. 20.
- Gallup, Fred Hayes (U. S. M. A., 1860). Automatic sighting as applied to sea coast artillery fire. Jour. U. S. Art., vol. 15, p. 280.
- Galt, Patrick Henry, Adjutant U. S. M. A., May 20, 1821, to May 13, 1822.
- Member of Board of Visitors to U. S. M. A. in 1842.
- Gardiner, Asa Bird. Photograph in Albums of officers' mess.
- Professor of law, U. S. M. A., 1874-1878.
- Gardiner, George Washington (U. S. M. A., 1814). Died Dec. 28, 1838, aged —. Adjutant U. S. M. A., Oct. 12, 1816, to Sept. 18, 1817; Feb. 10, 1819, to Mar. 9, 1820.
- Commandant of cadets, U. S. M. A., 1817-18.
- Gardiner, John William Tudor (U. S. M. A., 1840). Died Sept. 27, 1879, aged 62. Obituary in Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Gardiner, R. H., of Maine. Member of Board of Visitors to U. S. M. A. in 1840 and in 1851.
- Gardner, Franklin (U. S. M. A., 1813). Died Apr. 29, 1873, aged 50. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881.
- Gardner, John Lane, Quartermaster U. S. M. A., May 27, 1829, to Oct. 21, 1831.
- Gardner, William Montgomery (U. S. M. A., 1846). Died June 16, 1901, aged 75. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Garesche, Julius Peter (U. S. M. A., 1841). Died Dec. 31, 1892, aged 42. Engraving. Owned by Assoc. Grads. U. S. M. A.
- Instructions for officers and non-commissioned officers on outpost and patrol duty . . . abridged from the work of the late Colonel Arentschild, of the British service. Washington, 1861. 1 vol., O., pp. 23. (A)
- Washington, 1863. 1 vol., 12, 88 pp. (A)
- (life of) by L. Garesche, 1887.
- Garland, Augustus H., of Arkansas). Member of Board of Visitors to U. S. M. A. in 1883.
- Garland, John (of U. S. Army). Member of Board of Visitors to U. S. M. A. in 1861.
- Garlington, Ernest Albert (U. S. M. A., 1879). Catechism on cavalry outposts, reconnaissances, patrols, and advance and rear guards. 18— 1890. (A)
- Chronological sketch of Troop I, Seventh U. S. Cavalry . . . (n. p., 1894). 1 pam., O. (A)
- History of the Seventh Regiment of Cavalry. Hist. U. S. Army, pp. 251-267. (A)
- Garnett, John. Member of Board of Visitors to U. S. M. A. in 1819.
- Garnett, Robert Selden (U. S. M. A., 1841). Died July 13, 1861, aged 41. Commandant of cadets U. S. M. A. 1852-1884.
- Garrard, Joseph (U. S. M. A., 1873). Notes on the competition for 1880. Jour. Cav. Assoc., 1880, p. 423. (A)
- Garrard, Kenner (U. S. M. A., 1851). Died May 15, 1879, aged 49. Obituary in Ann. Assoc. Grads. U. S. M. A., 1879. (A)
- Commandant of cadets. U. S. M. A., 1861-2.
- Garrett, Isaiah (U. S. M. A., 1833). Died May 5, 1874, aged 61. Obituary in Ann. Assoc. Grads. U. S. M. A., 1874. (A)
- Garst, Charles Elias (U. S. M. A., 1876). Died Dec. 28, 1898, aged 46. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Garwood, Hiram W., of Texas). Member of Board of Visitors to U. S. M. A. in 1896.
- Gaston, Joseph Alfred (U. S. M. A., 1881). Effects of school training on Indians. Jour. Cav. Assoc., 1891, p. 422. (A)
- Gaston, William (U. S. M. A., 1856). Died May 17, 1858, aged —. Disabled. U. S. Coast Survey Rept., 1853, p. 104. (A)
- Gatewood, Charles Bate (U. S. M. A., 1877). Died May 20, 1896, aged 43. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Gatlin, Richard Caswell (U. S. M. A., 1832). Died Sept. 8, 1866, aged 88. Obituary in Ann. Assoc. Grads. U. S. M. A., 1897. (A)
- Gay, Ebenezer (U. S. M. A., 1855). Died Sept. 11, 1871, aged 39. Obituary in Ann. Assoc. Grads. U. S. M. A., 1872. (A)
- Gayle, Edward Edgerly (U. S. M. A., 1876). Photograph in Albums of officers' mess.
- Mechanical principle of the bit. Jour. Cav. Assoc., 1894, p. 41. (A)
- The forage ration for horses of field artillery and cavalry. Jour. U. S. Art., vol. 2, p. 348.
- A proposed modification of the field gun sight. Jour. U. S. Art., vol. 4, p. 471.
- Geary, Woodbridge (U. S. M. A., 1882). Died Oct. 11, 1899, aged 42. Obituary in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Geissenhainer, Jacob A. (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1892.
- Gentry, William Thomas (U. S. M. A., 1856). Died June 28, 1885, aged 53. Obituary in Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- Gerhardt, Charles (U. S. M. A., 1887). Manual for boards of survey. Washington, 1900. 1 vol., O., pp. 39. (A)
- Getty, George Washington (U. S. M. A., 1840). Died Oct. 1, 1901, aged 82. Engraving (by Hall) owned by Assoc. Grads. U. S. M. A.

- Getty, George Washington.** Retirement of, 1882 No. 2076, doc. 54. (C)
- Gibbou, John** (U. S. M. A., 1847). Died Feb. 6, 1896, aged 69. Photograph in Albums of officers' mess. — Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Quartermaster U. S. M. A., Sept. 15, 1856, to Aug. 31, 1859.
- The artillerist's manual, compiled from various sources, and adapted to the service of the United States. . . . New York, 1860. 1 vol., O. (A)
- Address to the graduating class at West Point, June 12, 1886. Vancouver Barracks, [n. d.]. 1 vol., O., pp. 17. (A)
- Address on the unveiling of the statue of Maj. Gen. George G. Meade, in Philadelphia, Oct. 18, 1887. 1 vol., O., pp. 24. (A)
- Another view of Gettysburg. In North Amer. Rev., vol. 152, June, 1891.
- Railroad consolidation. In North Amer. Rev., vol. 154 (1892), p. 251.
- Needed reforms in the Army. In North Amer. Rev., vol. 156 (1893), p. 212.
- Can West Point be made more useful? In North Amer. Rev., vol. 160 (1895), pp. 668-670. (A)
- Personal recollections of Appomattox. Century Mag., vol. 63, p. 436, April, 1902.
- Law in the Army. Jour. Mil. Serv. Inst., vol. 1, p. 438. (A)
- Our Indian question. [Prize essay for 1880.] Jour. Mil. Serv. Inst., vol. 2, p. 101. (A)
- Reading signs. Jour. Mil. Serv. Inst., vol. 5, p. 396. (A)
- Puget Sound defenses. Jour. Mil. Serv. Inst., vol. 10, p. 409. (A)
- Danger from lack of preparation. Jour. Mil. Serv. Inst., vol. 11, p. 16. (A)
- Discussion of Seacoast defenses and the organization of our seacoast defenses. Jour. U. S. Art., vol. 5, p. 183.
- Gibson, Archie** (U. S. M. A., 1879). Died Jan. 26, 1881, aged 25. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Gibson, Augustus Abel** (U. S. M. A., 1839). Died Feb. 11, 1893, aged 74. Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Office duties, p. 90; Sketches of geographical positions, p. 94. U. S. Coast Survey Rept., 1851. (A)
- Views, sec. 1, p. 22; Charleston Harbor, p. 38. U. S. Coast Survey Rept., 1852. (A)
- Views, Salem, Newburyport, and Portsmouth, p. 36; Charge of drawing division, p. 81; Report, pp. 57-60. U. S. Coast Survey Rept., 1853. (A)
- Charge of drawing division, p. 88; Report of operations on, pp. 44-48. U. S. Coast Survey Rept., 1854. (A)
- New York commissioner's map, pp. 44-100, Congress map, p. 100; Charge of drawing division, p. 101; Views, pp. 52-53, 400. U. S. Coast Survey Rept., 1855. (A)
- Study of chart projects, p. 8; Notice of services, p. 19; Letter on detachment, p. 346. U. S. Coast Survey Rept., 1856. (A)
- Gibson, Augustus Abel** Defenses of Philadelphia. U. S. Coast Survey Rept., 1863, p. 33. (A)
- See U. S. Coast Survey Rept., 1861, p. 37. (A)
- Gibson, Brig. Gen. George.** Member of Board of Visitors (Inspection) to U. S. M. A. in 1845.
- Gibson, Randall L.** Member of Board of Visitors to U. S. M. A. in 1886.
- Gibson, William Wesley** (U. S. M. A., 1879). Shrapnel, report on manufacture of American Projectile Company's 3.2-inch. Rept. Chief of Ord., 1893, p. 541. (C)
- Progress report on manufacture of gun carriages at Hamilton, Cleveland, Alliance, Ohio; St. Paul, Minn. Report Chief of Ord., 1897. (C)
- Report on manufacture of gun carriages at Hamilton, Ohio. Rept. Chief of Ord., 1898.
- Report on manufacture of forgings for spring-return mortar carriages; Report on manufacture of forgings for 25 spring-return mortar carriages, model 1896; Report on forgings for 12-inch B. L. mortars and on 6, 8, and 12 inch disappearing and 10 and 12 inch bar-bette carriages; Report on manufacture of 12-inch disappearing carriages (Morgan Engineering Company). Rept. Chief of Ord., 1899.
- [Translation and compilation from Colonel Langdon's] Shrapnel fire for field artillery. Jour. U. S. Art., vol. 2, p. 599. (A)
- Notes on rapid-fire artillery. Jour. U. S. Art., vol. 16; pp. 145, 247; vol. 17, pp. 23, 193.
- Discussion of Krupp breech mechanisms. [Translated from the French.] Ord. Const. Notes No. 80. (A)
- Gilbert, Charles Champion** (U. S. M. A., 1846). Died Jan. 17, 1903, aged 81. Photograph in Albums of officers' mess.
- Gilchrist, Albert W.** (of Florida). Member of Board of Visitors to U. S. M. A. in 1896.
- Giles, Henry** (U. S. M. A., 1818). Died Mar. 17, 1877, aged 74. Obituary in Ann. Assoc. Grads. U. S. M. A., 1883. (A)
- Gilham, William** (U. S. M. A., 1839). Died Nov. 16, 1872, aged —. Manual of instruction for the volunteers and militia of the Confederate States. Richmond 1862. 1 vol., O. (A)
- Gill, Samuel** (U. S. M. A., 1844). Died Jan. 18, 1876, aged 52. Obituary in Ann. Assoc. Grads. U. S. M. A., 1876. (A)
- Gill, William G.** (U. S. M. A., 1848). Died June 7, 1862, aged —. Services. U. S. Coast Survey Rept., 1860, sec. 2 p. 45. (A)
- See U. S. Coast Survey Rept., 1861, pp. 21, 51, 84. (A)
- Gillem, Alvan Cullom** (U. S. M. A., 1851). Died Dec. 2 1875, aged 45. Obituary in Ann. Assoc. Grads. U. S. M. A., 1876. (A)
- Gillespie, George Lewis** (U. S. M. A., 1862). Project, plan, estimate, etc. for the improvement of Merrimac River, Mass. Rept. Chief of Eng. 1869, pp. 421, 438; 1870 pp. 469, 473; 1876, vol. 1, p. 165. (C)
- Toledo Harbor, Ohio. Rept. Chief of Eng., 1871, p. 190. (C)
- Huron Harbor, Ohio. Rept. Chief of Eng., 1871, p. 193. (C)

Gillespie, George Lewis. Project, plan, estimate, etc., for the improvement of Black River Harbor, Ohio. Rept. Chief of Eng., 1871, p. 103; 1872, pp. 226, 239. (C)

— Cleveland Harbor, Ohio. Rept. Chief of Eng., 1871, pp. 103, 104, 1872, p. 220. (C)

— Ashtabula Harbor, Ohio. Rept. Chief of Eng., 1871, p. 105; 1872, p. 232. (C)

— Monroe River Harbor (Raisin River), Mich. Rept. Chief of Eng. 1872, pp. 224, 230. (C)

— Manmee River, above Toledo, Ohio. Rept. Chief of Eng., 1872, pp. 225, 237. (C)

— Vermilion Harbor, Ohio. Rept. Chief of Eng., 1872, p. 228. (C)

— Port Clinton Harbor, Ohio. Rept. Chief of Eng., 1872, p. 234. (C)

— Rocky River Harbor, Ohio. Rept. Chief of Eng., 1872, p. 235. (C)

— Grand River Harbor, Fairport, Ohio. Rept. Chief of Eng., 1872, p. 240, 241. (C)

— Sandusky City Harbor, Ohio. Rept. Chief of Eng., 1873, pp. 42, 327, 330, 331.

— Chicago Harbor, Ill. Rept. Chief of Eng., 1875, vol. 1, pp. 45, 230; 1876, vol. 1, p. 99; 1876, vol. 2, p. 431. (C)

— Calumet Harbor, Ill. Rept. Chief of Eng., 1875, vol. 1, p. 232; 1876, vol. 2, p. 438; 1877, p. 895. (C)

— Wolf Lake Cut, Ind. Rept. Chief of Eng., 1875, vol. 1, p. 242. (C)

— Port Henry, Lake Champlain, N. Y. Rept. Chief of Eng. 1876, vol. 1, p. 261; 1882, p. 717. (C)

— Lake Michigan and Wabash River. Rept. Chief of Eng., 1876, vol. 2, pp. 450, 460, 461. (C)

— Willamette River (upper) Oreg. Rept. Chief of Eng., 1879, p. 1833. (C)

— Columbia River, Oreg. Rept. Chief of Eng., 1880, p. 2320; 1881, p. 2549. (C)

— Coos Bay, Oreg. Rept. Chief of Eng., 1880, p. 2323; 1883, p. 2055; 1887, p. 2400; 1888, p. 2142. (C)

— Alsea River and Bay, Oreg. Rept. Chief of Eng., 1880, p. 2336.

— Umpqua River, Oreg. Rept. Chief of Eng., 1880, p. 2339. (C)

— Skagit, Steilacquamish, Nortsack, Snohomish, and Snoqualmie rivers, Wash. Rept. Chief of Eng., 1881, p. 262; 1882, p. 2686; 1884, p. 2275; 1886, p. 2008. (C)

— Yaquina Bay, Oreg. Rept. Chief of Eng., 1881, p. 239; 1882, p. 2680; 1886, p. 2001. 1887, pp. 237, 2465. (C)

— Cowlitz River, Wash. Rept. Chief of Eng., 1881, p. 2603; 1886, p. 1952; 1901, p. 3371. (C)

— Manasquan River N. J. Rept. Chief of Eng., 1882, p. 702, 1886, p. 753. (C)

— Lake Champlain. Rept. Chief of Eng., 1882, pp. 718, 719. (C)

— Passaic River below Newark, N. J. Rept. Chief of Eng., 1884, p. 741; 1887, pp. 765, 766. (C)

Gillespie, George Lewis. Project, plan, estimate, etc., for the improvement of Kanitan Bay, N. J. Rept. Chief of Eng., 1884, p. 753; 1885, p. 758; 1887, p. 781; 1891, pp. 932, 933. (C)

— Hempstead Harbor and Bay, N. Y. Rept. Chief of Eng., 1884, p. 764. (C)

— Long Branch, N. J. Rept. Chief of Eng., 1884, p. 764. (C)

— Newton Creek, N. Y. Rept. Chief of Eng., 1884, p. 769; 1886, p. 718; 1887, p. 699; 1892, p. 810. (C)

— Shoal Harbor and Compton's Creek, N. J. Rept. Chief of Eng. 1884, pp. 771, 773, 1891, p. 1005. (C)

— New York Harbor. Rept. Chief of Eng., 1885, pp. 773, 774, 777, 778, 779, 780, 787; 1886, p. 730; 1897, p. 1053.

— Baldwin River, N. Y. Rept. Chief of Eng., 1885, p. 789. (C)

— Gloucester Harbor, Mass. Rept. Chief of Eng., 1888, p. 413. (C)

— Manchester Harbor, Mass. Rept. Chief of Eng., 1888, pp. 404, 409; 1889, p. 567, 1892, p. 569. (C)

— Winthrop Harbor, Mass. Rept. Chief of Eng., 1888, pp. 470, 471; 1889, p. 571; 1892, p. 574. (C)

— Duxbury Harbor, Mass. Rept. Chief of Eng., 1888, p. 474. (C)

— Wellfleet Harbor, Mass. Rept. Chief of Eng., 1888, p. 476; 1889, pp. 587, 588; 1892, p. 591. (C)

— Hudson River, N. Y., between New Baltimore and Coxsackie. Rept. Chief of Eng., 1888, p. 642. (C)

— Bridge of the New York and New England Railroad Company at Boston, Mass. Rept. Chief of Eng., 1888, p. 2600. (C)

— Malden and Mystic rivers, Mass. Rept. Chief of Eng., 1889, p. 594. (C)

— Plymouth Harbor, Mass. Rept. Chief of Eng., 1889, p. 597. (C)

— Stage Harbor, Mass. Rept. Chief of Eng., 1889, p. 600. (C)

— Gowanus Bay, N. J. Rept. Chief of Eng., 1889, pp. 755, 756; 1891, p. 916. (C)

— Tarrytown, N. Y. Rept. Chief of Eng., 1889, p. 800. (C)

— Ship channel between Jersey City and Ellis Island, N. Y. Rept. Chief of Eng., 1889, p. 803. (C)

— Wappingers Creek, N. Y. Rept. Chief of Eng., 1890, p. 759; 1892, p. 777. (C)

— East River, N. Y. Rept. Chief of Eng., 1890, p. 764. (C)

— Buttermilk Channel, New York Harbor. Rept. Chief of Eng., 1891, p. 938. (C)

— Bay Ridge Channel, N. Y. Rept. Chief of Eng., 1891, p. 942. (C)

— Champlins Creek, N. Y. Rept. Chief of Eng., 1891, p. 943. (C)

— Westchester Creek, N. Y. Rept. Chief of Eng., 1891, p. 956. (C)

— Jamaica Bay and Long Beach Inlet, N. Y. Rept. Chief of Eng., 1892, pp. 849, 847. (C)

- Gillespie, George Lewis. Project, plan, estimate, etc., for the improvement of Fort Pond Bay, at the east end of Long Island, N. Y. Rept. Chief of Eng., 1803, p. 1077. (A)
- channel west of Robbins Reef light-house to connect the mouth of Arthur Kill with New York Harbor, N. Y. Rept. Chief of Eng., 1803, p. 1083. (A)
- harbor lines Westchester Creek, N. Y. Rept. Chief of Eng., 1804, p. 701. (A)
- Gravesend Bay, N. Y. Rept. Chief of Eng., 1805, p. 1005. (A)
- Rahway River, N. J. Rept. Chief of Eng., 1805, p. 1000. (A)
- Elizabeth River, N. J. Rept. Chief of Eng., 1805, p. 1011. (A)
- Catskill Creek, N. Y. Rept. Chief of Eng., 1807, p. 1041. (A)
- Nyack Harbor, N. Y. Rept. Chief of Eng., 1807, p. 1043. (A)
- Wallabout channel, N. Y. Rept. Chief of Eng., 1807, p. 1047. (A)
- Coney Island channel, N. Y. Rept. Chief of Eng., 1807, p. 1049. (A)
- Western Territories, 1876. Topographical map
- Report upon the construction of Tillamook Rock light station sea coast of Oregon. With plans and specifications. 12 pl., O., pp. [36]. Washington, 1881. [*In* Rept. Light-House Board, 1881.]
- Reports of the Chief of Engineers, 1901-2.
- *See* Boards—Gillespie; Abbot, 4, 5, 6, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20; Craighill, 5, 7, 11, 22; Houston, 2, 3, 4, 5; Mendell, 12; Poe, 1; Robert, 3, 4, 5, 6, 8, 9, 10, 13, 16, 17, 18, 24, 25, 28, 30, 31, 33; Stewart, 2, 3, 4; Weitzel, 3; Woodruff, 8. *See* Commissions—Gillespie. (A)
- Gillett, Frederick H. (of Massachusetts) Member of Board of Visitors to U. S. M. A. in 1902.
- Gillette, Cassius Eric (U. S. M. A., 1884). Project, plan, estimate, etc., for the improvement of steamboat channel (slough), Cal. Rept. Chief of Eng., 1806, p. 3224. (A)
- Petaluma Creek, Cal. Rept. Chief of Eng., 1807, p. 3376. (A)
- Humboldt Harbor, Cal. Rept. Chief of Eng., 1807, p. 3377. (A)
- Brunswick, Ga. Rept. Chief of Eng., 1900, p. 1662. (A)
- "engineering methods" used in the district of eastern Georgia, etc. Rept. Chief of Eng., 1901, p. 1600. (A)
- Brunswick outer bar, Ga. Rept. Chief of Eng., 1901, pp. 1664, 1666. (A)
- Savannah Harbor, Ga. Rept. Chief of Eng., 1901, p. 1720. (A)
- Skiddaway Narrows, Ga. Rept. Chief of Eng., 1901, p. 1729. (A)
- Cumberland Sound, Ga. Rept. Chief of Eng., 1902, p. 2501. (A)
- Dampness in magazines. Rept. Chief of Eng., 1899, p. 884. (A)
- *See* Boards—Benyaund, 3; Merrill, 6; Russell, 1. *See* Commissions—Suter, 6, 7. (A)
- Gillmore, Quincy Adams (U. S. M. A., 1840). Died Apr. 7, 1888, aged 63. Engraving owned by Assoc. Grads. U. S. M. A. Oil portrait by J. Alden Weir in Memorial Hall
- Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1888; Harper's New Monthly Mag. vol. 77 (1888), p. 156. (A)
- Treasurer and quartermaster U. S. M. A., Sept. 1, 1855, to Sept. 11, 1856.
- Official report to the U. S. Engineer Department of the siege and reduction of Fort Pulaski, Ga., February, March, and April, 1862. New York, 1862. 1 vol., O. (A)
- Prof. Papers, Corps of Eng., U. S. A., No. 8. New York, 1864. O. (A)
- Limes, hydraulic cements, and mortars. O. 1863. Prof. Papers, Corps of Eng., U. S. A., No. 9. (A)
- Fort Sumter, S. C., at the time of its capture, Feb. 18, 1865, showing the effect of the bombardment from Morris Island
- Engineer and artillery operations against the defenses of Charleston Harbor in 1863, with a supplement. Prof. Papers, Corps of Eng., U. S. A., No. 16. New York, 1868. O. (A)
- Project, plan, estimate, etc., for the improvement of St. Johns River, Fla. Rept. Chief of Eng., 1869, pp. 47, 200, 270; 1870, p. 63; 1871, p. 70; 1872, pp. 66, 665, 666, 675, 676; 1874, vol. 2, p. 11; 1875, vol. 1, p. 84; 1875, vol. 2, p. 59; 1879, pp. 98, 781, 784, 785, 795; 1880, p. 970; 1887, p. 1208; 1889, p. 1298. (C)
- Savannah River at and below Savannah, Ga. Rept. Chief of Eng., 1873, pp. 741, 747; 1880, p. 933; 1882, p. 1142; 1888, pp. 1006, 1007. (C)
- Ashley River, S. C. Rept. Chief of Eng., 1873, p. 756; 1886, p. 179; 1887, p. 1141. (C)
- St. Augustine Creek (Thunderbolt River), Ga. Rept. Chief of Eng., 1875, vol. 2, p. 37; 1877, p. 381; 1879, p. 763; 1880, p. 957; 1881, p. 1105. (C)
- St. Johns River and Fernandina, Fla. Rept. Chief of Eng., 1875, vol. 2, p. 59; 1879, p. 98; 1880, p. 190. (C)
- Cumberland Sound, Ga. and Fla. Rept. Chief of Eng., 1876, vol. 1, pp. 459-483; 1879, pp. 792, 793; 1880, p. 965; 1886, p. 189; 1887, p. 1191; 1891, pp. 1566, 1573; 1892, p. 1286. (C)
- Brunswick Harbor, Ga. Rept. Chief of Eng., 1876, vol. 1, p. 489. (C)
- Mississippi River to the Gulf. Rept. Chief of Eng., 1877, pp. 383, 387, 388, 392, 393, 394, 404. (C)
- Darien Harbor, Ga. Rept. Chief of Eng., 1878, pp. 78, 579. (C)
- Charleston Harbor, S. C., including Sullivan's Island. Rept. Chief of Eng., 1878, pp. 558, 572; 1886, p. 176; 1887, p. 1135. (C)
- Volusia bar, Fla. Rept. Chief of Eng., 1880, p. 972; 1886, p. 1135; 1887, p. 1217. (C)
- canal from St. Mays River to Gulf of Mexico, Fla. Rept. Chief of Eng., 1880, pp. 986, 994, 1006. (C)

- Gilmore, Quincy Adams. Project plan, estimate, etc., for the improvement of Broad River. S. C. Rept. Chief of Eng., 1880, p. 1013. (C)
- Port Royal River, S. C. Rept. Chief of Eng., 1880, pp. 1033, 1034. (C)
- Wappoo cut, S. C. Rept. Chief of Eng., 1881, p. 1073; 1885, p. 1187, 1887, pp. 1138, 1139. (C)
- Altamaha River, Ga. Rept. Chief of Eng., 1881, p. 1100, 1887, p. 1176. (C)
- Edisto River, S. C. Rept. Chief of Eng., 1881, p. 1140; 1886, p. 180; 1887, p. 1143; 1892, p. 1233. (C)
- Salkehatchie River, S. C. Rept. Chief of Eng., 1881, p. 1144; 1887, p. 1146; 1892, p. 1235. (C)
- Canoochee River, Ga. Rept. Chief of Eng., 1881, p. 1158. (C)
- Romerly marsh, Ga. Rept. Chief of Eng., 1881, pp. 1160, 1161. (C)
- Jekyl Creek, Ga. Rept. Chief of Eng., 1881, p. 1164. (C)
- St. Johns River, Fla., and Charlotte Harbor, Gulf of Mexico. Rept. Chief of Eng., 1882, pp. 1204, 1213, 1216. (C)
- Indian River, Fla. Rept. Chief of Eng., 1882, pp. 1231, 1232, 1238, 1241, 1884, p. 1143. (C)
- Darien Harbor (River), Ga. Rept. Chief of Eng., 1885, pp. 1238, 1242; 1891, p. 1528. (C)
- Doboy Bar, Ga. Rept. Chief of Eng., 1887, p. 1181, 1888, p. 1041. (C)
- Mosquito Creek, S. C., between South Edisto and Achepoo rivers. Rept. Chief of Eng., 1888, p. 1000. (C)
- Bridge of the Savannah, Florida and Western Railroad Company at Doctor Town, Ga. Rept. Chief of Eng., 1888, p. 2550. (C)
- Report on béton aggloméré or coignet-béton and the materials of which it is made. Prof. Papers Corps of Eng. U. S. A., No. 10. Washington, 1871. O. (A)
- Coignet-béton and other artificial stone. New York, 1871. Prof. Papers Corps of Eng., U. S. A., No. 10. (A)
- Practical treatise on limes, hydraulic cements, and mortars. Prof. Papers Corps of Eng., U. S. A., No. 9. New York, 1872. 4th ed. (A)
- Report upon the results of firings to determine the pressure of the blast from 15-inch smooth-bore guns, made at Staten Island, New York Harbor in 1872 and 1873. O. Washington, 1874. See Newton, J.
- Report on the compressive strength, specific gravity, and ratio of absorption of various kinds of building stone from different sections of the United States, tested at Fort Tompkins, Staten Island, N. Y. O. Washington, 1874. (A)
- Practical treatise on roads, streets, and pavements. . . 1 vol., O. 1876.
- Report of experiments with the Seely and Bethell processes for the preservation of timber, (and) descriptions of these processes and of the Hayford process. 1879. Misc. Pamphlets, vol. 7.
- Gilmore, Quincy Adams. The present condition of our sea-coast defenses, and the importance of strengthening them. 2 pl., O. pp. 21. Washington, 1881.
- Report to the Bureau of Awards, Centennial Exhibition of 1876, on the cements, artificial stone, brick-making machines, kilns, pavements, etc.
- See Boards—Gillmore; Barnard, 4. Tower, 1, 3, 6, 11, 13, 14, 15. See Commission—Gillmore. (A)
- Gillmore, Quincy O'Maher (U. S. M. A., 1873). Librarian U. S. M. A. from Aug. 30 to Sept. 7, 1882.
- Quartermaster, U. S. M. A., June 23, 1884, to July 1, 1885.
- Gilman, Benjamin Hidden (U. S. M. A., 1872). Died July 26, 1898, aged 48. Obituary in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Gilman, Prof. D. C. (of California). Member of Board of Visitors to U. S. M. A. in 1875.
- Gilmer, Jeremy Francis (U. S. M. A., 1839). Died Dec. 1, 1883, aged 66. Obituary in Ann. Assoc. Grads. U. S. M. A., 1884. (A)
- See Boards—Bowen, 1. (A)
- Gimbredé, Thomas. Teacher of drawing, U. S. M. A., 1810-1832.
- Girard, Alfred C. Chief medical officer, U. S. M. A., May 5 to May 20, 1868.
- Gird, Henry H. (U. S. M. A., 1822). Adjutant U. S. M. A., June 9, 1824, to Apr. 20, 1827.
- Gittings, Erskine (U. S. M. A., 1861). Died Sept. 20, 1880, aged 40. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Glass, John Nelson (U. S. M. A., 1878). Died Aug. 15, 1892, aged 39. Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Glen, James L. (of Michigan). Member of Board of Visitors to U. S. M. A. in 1868.
- Glenn, Edwin Forbes (U. S. M. A., 1877) and Abercrombie, William Ralph. Reports of explorations in Alaska, 1898. . . Washington, 1900. 1 vol., O. See U. S. Dept. of War, Mil. Inf. Div., No. 25.
- Goddard, Vinton Augustus (U. S. M. A., 1871). Died Mar. 2, 1877, aged 27. Obituary in Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- Goddard, Col. William (of Rhode Island). Member of Board of Visitors to U. S. M. A. in 1864.
- Godfrey, Edward Settle (U. S. M. A., 1867). Photograph in Albums of officers' mess.
- A few words on horse shoeing. Jour. Mil. Serv. Inst., vol. 10, p. 398. (A)
- Cavalry fire discipline. Jour. Mil. Serv. Inst., vol. 19, p. 252. (A)
- and Augur, Jacob Arnold (U. S. M. A., 1869). System of exercises and gymnastics for use in school of soldier mounted. . . West Point, 1887. 1 pam., O. (A)
- Godfrey, George John (U. S. M. A., 1886). Died June 3, 1900, aged 38. Obituary in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Godwin, Edward Allison (U. S. M. A., 1870). The curb bit, p. 168; Aluminum horse shoes, p. 179. Jour. Civ. Assoc., 1894. (A)

- Goe, James Buick (U. S. M. A., 1875). History of the Thirteenth Regiment of Infantry.*
- Goethals, George Washington (U. S. M. A., 1880). Instructor of practical military engineering. U. S. M. A., Nov. 15, 1898 to 1900.
- Project, plan, estimate, etc., for the improvement of Sakonnet Harbor, R. I. Rept. Chief of Eng., 1901, p. 1150. (A)
- Narragansett Bay, R. I. Rept. Chief of Eng., 1901, p. 1156. (A)
- Gunter's Reef, Tennessee River. Rept. Chief of Eng., 1902, p. 1822. (A)
- Channel around Bridgeport Island, Tenn. Rept. Chief of Eng., 1902, p. 1824. (A)
- See Boards—Kingman, I. (A)
- Goldman, Henry Joseph (U. S. M. A., 1877). A new lecture on the horse's foot. Jour. Cav. Assoc., 1890, p. 271. (A)
- Good, Gen. John J. (of Texas). Member of Board of Visitors to U. S. M. A. in 1860.
- Goodell, R. E. (of Illinois). Member of Board of Visitors to U. S. M. A. in 1855.
- Goodenow, Daniel (of Maine). Member of Board of Visitors to U. S. M. A. in 1853.
- Goodenow, John H. (of Maine). Member of Board of Visitors to U. S. M. A. in 1863.
- Goodloe, Archibald Henry (U. S. M. A., 1865). Died Nov. 27, 1899, aged 57. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Goold, Edmond I. (of California). Member of Board of Visitors to U. S. M. A. in 1860.
- Gordon, George Alexander (U. S. M. A., 1854). Died Oct. 26, 1878, aged 45. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1879. (A)
- Gordon, George Henry (U. S. M. A., 1846). Died Aug. 30, 1886, aged 63. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1887; Harper's New Monthly Mag., vol. 73 (1886), p. 967. (A)
- Rappahannock triangulation. U. S. Coast Survey Rept., 1854, p. 40. (A)
- History of the Second Massachusetts Regiment of Infantry. 3d paper. Boston, 1875. 1 vol., O. (A)
- History of the campaign of the Army of Virginia, under John Pope . . . from Cedar Mountain to Alexandria, 1862. . . Boston, 1880. 1 vol., O. (A)
- War diary of events in the war of the great rebellion, 1863-1865. Boston, 1882. 1 vol., O. (A)
- Brook Farm to Cedar Mountain in the war of the great rebellion, 1861-62. Boston, 1885. (A)
- Gordon, John B. (Senator from Georgia). Member of Board of Visitors to U. S. M. A. in 1879.
- Gordon, William Brandon (U. S. M. A., 1877). Professor of Natural and Experimental Philosophy, U. S. M. A., 1901 to —. Description of Buffington-Crozier disappearing carriage. Rept. Chief of Ord., 1893, p. 638. (C)
- Book of verses. West Point, 1887. 180. (A)
- Design of carriage for 10-inch B. L. rifle. Rept. Chief of Ord., 1890, p. 20. (C)
- Gordon, William Brandon. Manufacture of 8-inch B. L. rifle, steel, model 1888, at West Point Foundry. Rept. Chief of Ord., 1892, p. 579. (C)
- Report of manufacture of 8-inch rifles at West Point Foundry, p. 467; Progress of work on pneumatic dynamite guns at West Point Foundry, p. 468; Description of Elswick hydro-pneumatic carriage for 9.2-inch B. L. rifle, p. 632; Elswick hydropneumatic carriage for 10-inch B. L. rifle, p. 633; Raskazoff carriages, description of, range finder, p. 630; Canet and St. Chamond carriages, reference made to, p. 637; Crenot (Schneider) carriage, reference made to, p. 637; Disappearing carriage designed by, p. 637; Noble, reference made to carriage, p. 637; Armstrong carriage, description of, p. 637; Description of pneumatic disappearing gun carriage, p. 638; Buffington-Crozier disappearing carriage, description of, p. 638; Description of Gordon disappearing gun carriage, p. 639. Rept. Chief of Ord., 1893. (C)
- Disappearing gun carriages. Oper. Div. Mil. Eng. Int. Cong. Eng., 1894, p. 587. (A)
- Progress report on manufacture of ordnance at the West Point Foundry. Rept. Chief of Ord., 1894. (C)
- Suggestion relative to making annual return or inventory. Rept. Chief of Ord., 1900.
- Disappearing gun carriages. *In* Chicago Exposition, 1893. Int. Cong. Eng., Oper. Div. Mil. Eng.
- , translator. On the determination of brakes for checking the recoil of gun carriages, by M. Hugoniot, p. 22; Use of a liquid under compression in hydraulic brakes, p. 47. Notes Constr. Ord., No. 56, vol. 3. (A)
- Notice of Barry's A treatise on hydraulics. Jour. U. S. Art., vol. 6, p. 123. (A)
- Gordon, William Washington (U. S. M. A., 1815). Died Mar. 20, 1842, aged 40. President of the Central Railroad of Georgia, which in 1850 appropriated \$15,000 for the erection of a monument to him at Savannah.
- Gorgas, Josiah (U. S. M. A., 1841). Died May 15, 1883, aged 65. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1883. (A)
- Gorman, James S. (of Michigan). Member of Board of Visitors to U. S. M. A. in 1893.
- Gow, John L. (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1841 and in 1849.
- Grafton, Henry Dearborn (U. S. M. A., 1830). Died Apr. 13, 1855, aged 37. Treatise on the camp and march; with which is connected the construction of field works and military bridges. With an appendix of artillery ranges, etc., for use of volunteers and militia in the United States. 12°. Boston, 1854. (A)
- Graham, A. (of New York). Member of Board of Visitors to U. S. M. A. in 1835.
- Graham, James Duncan (U. S. M. A., 1817). Died Dec. 28, 1895, aged 66. Adjutant U. S. M. A., Oct. 12, 1818, to Feb. 10, 1819.

*[An abridgment of Lieutenant Goe's History of the Thirteenth Infantry.] His. U. S. Army pp.

Graham, James Duncan Report on the military and hydrographical chart of the extremity of Cape Cod, including the townships of Provincetown and Truro. 1 p. pam. *See* Cape Cod. map, 1833-1835.

— Report on the subject of the boundary between the United States and Mexico. 1852. 1 vol., O. 32d Cong., 1st sess. Senate Ex. Doc. No. 121. (A)

— Annual reports on the harbor improvements of Lakes Michigan and St. Clair for 1855 and 1856. Senate Ex. Doc. No. 10, 31th Cong., 3d sess. Washington, 1857.

— Project, plan, estimate, etc., for the improvement of Oak Orchard Harbor, N. Y. Senate Doc. 42, 35th Cong., 1st sess., pp. 127, 136, 137. (C)

— South Black River, Mich. Senate Doc. 42, 35th Cong., 1st sess., 1857, pp. 98, 175. (C)

— Burlington Harbor, Vt. Rept. Chief of Eng., 1866, vol. 1, p. 3. (C)

— Susquehanna River, near Havre de Grace, Md. Rept. Chief of Eng., 1866, vol. 1, pp. 3, 38. (C)

— Sodus Harbor (Great), N. Y. Rept. Chief of Eng., 1866, vol. 1, p. 4; 1866, vol. 4, pp. 171, 173, 174; 1867, p. 238. (C)

— Kenosha (Southport) Harbor, Wis. Rept. Chief of Eng., 1866, vol. 1, p. 5. (C)

— Monroe Harbor (Raisin River), Mich. Rept. Chief of Eng., 1866, vol. 1, p. 5. (C)

— Milwaukee Harbor, Wis. Rept. Chief of Eng., 1866, vol. 1, p. 5; 1866, vol. 4, p. 126; 1876, vol. 2, p. 386. (C)

— Baltimore Harbor, Md. Rept. Chief of Eng., 1866, vol. 1, p. 38. (C)

— Portland Harbor, Me. Rept. Chief of Eng., 1866, vol. 1, pp. 40, 41, 42. (C)

— Provincetown Harbor, Mass. Rept. Chief of Eng., 1866, vol. 1, pp. 43, 44, 49. (C)

— Oswego Harbor, N. Y. Rept. Chief of Eng., 1866, vol. 1, p. 55; 1866, vol. 2, p. 40; 1866, vol. 4, pp. 169, 173; 1867, pp. 34, 237, 263; 1868, p. 46. (C)

— Boston Harbor, Mass. Rept. Chief of Eng., 1866, vol. 2, p. 31. (C)

— Grand Haven Harbor, Mich. Rept. Chief of Eng., 1866, vol. 4, p. 99; 1874, vol. 1, p. 184; 1876, vol. 2, p. 406. (C)

— Black Lake Harbor, Mich. Rept. Chief of Eng., 1866, vol. 4, p. 104. (C)

— New Buffalo Harbor, Mich. Rept. Chief of Eng., 1866, vol. 4, p. 154; 1876, vol. 2, pp. 451, 452. (C)

— Waukegan Harbor, Ill. Rept. Chief of Eng., 1873, p. 247. (C)

— Sodus Bay Harbor, Little, N. Y. Rept. Chief of Eng., 1876, vol. 2, p. 592. (C)

— Magnetic observations, p. 8; Earthquake, p. 250; Reflectors, p. 260. Proc. Amer. Phil. Soc., vol. 2. (A)

— On the northeast boundary, p. 53; Magnetic dip, p. 205. Proc. Amer. Phil. Soc., vol. 4. (A)

Graham, James Duncan Telegraphic longitudes, p. 312; Contributions to geography, p. 347. Proc. Amer. Phil. Soc., vol. 6. (A)

— Contributions to geography, pp. 34, 136. Lunar tidal wave, p. 378. Proc. Amer. Phil. Soc., vol. 7. (A)

— Magnetic dip in the United States. Trans. Amer. Phil. Soc., n. s., vol. 9, p. 329. (A)

Granger, Gordon (U. S. M. A., 1845). Died Jan. 10, 1876, aged 53. Engraving (by J. C. Buttre) owned by Assoc. Grads. U. S. M. A.

— Obituary in Ann. Assoc. Grads. U. S. M. A., 1876; Harper's New Monthly Mag., vol. 2 (1876), p. 627. (A)

— In memoriam. In Fiftieth reunion of the Army of the Cumberland, Cincinnati, Ohio, October, 1883, p. 209. Cincinnati, 1884. (A)

Granger, Robert Seaman (U. S. M. A., 1838). Died Apr. 25, 1894, aged 78. Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)

— In memoriam. In Twenty-fifth reunion of the Army of the Cumberland, Chattanooga, Tenn., September, 1895, p. 199. Cincinnati, 1896. (A)

Grant, Frederick Dent (U. S. M. A., 1871). Halliwell's injustice to Grant. In North Amer. Rev., vol. 141, December, 1885. (A)

— and Forsyth, James William (U. S. M. A., 1856). Report of an expedition up the Yellowstone River made in 1875. Washington, 1875. O. Explorations and Surveys. (A)

Grant, George R. (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1850.

Grant, Ulysses Simpson (U. S. M. A., 1843). Died July 23, 1885, aged 63. Oil portraits (by Healy and Le Clair). In the Red Room corridor, White House, Washington, D. C.

— Portrait (oil painting, by E. H. Danage, 1887). Presented by George W. Childs. In cadet mess hall.

— (oil painting, by A. Lentze). Presented by General Cullum.

— (pastel, by Paul Louvrier, 1866). Loaned by Mrs. U. S. Grant, 1901. In memorial hall, West Point.

— Oil portrait (by Cogswell). In rooms of Senate Committee on Rules, U. S. Capitol.

— Portrait. Harper's New Monthly Mag., vol. 30 (1865), p. 151. vol. 31 (1865), p. 68; vol. 71 (1885), p. 585; (death mask), vol. 85 (1892), p. 329. (A)

— Engraving owned by Assoc. Grads. U. S. M. A.

— Tomb and memorial of U. S. Grant. On Claremont Heights, Riverside drive, New York City.

— Marble statue (by Franklin Simmons). In Capitol, Washington, D. C.

— Bas relief, equestrian. Prospect Park plaza, Brooklyn, N. Y.

— Equestrian statue (by Partridge). Grant square, Brooklyn, N. Y.

— by Thomas Eakins). Inside of soldier's arch, Brooklyn, N. Y.

— Bedford avenue opposite Union League Club, Brooklyn, N. Y.

- Grant, Ulysses Simpson. Equestrian statue (by D. C. French). Fairmount Park, Philadelphia, Pa.
- Bronze equestrian statue (by Louis R. Ribisso). At Chicago, Ill.
- Bronze statue, heroic size (by Robert Bringham). At St. Louis, Mo.
- (by J. Gelett). At Galena, Ill.
- Bronze (?) statue. At Fort Leavenworth, Kans.
- In St. Louis, Mo.
- Statue. Lincoln Park, Chicago, Ill.
- Plaster bust (by Sarah Fames, 1868). In officers' mess.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1886; Harper's New Monthly Mag., vol. 71 (1885) p. 806. (A)
- Our own general. Obituary poem, by C. J. Beatty. [n. p., n. d.]
- Headley (P. C.): The hero boy; or The life and deeds of Lieutenant-General Grant . . . 1 vol., O. 1864. (A)
- Life of U. S. Grant, by E. Willett. 1865. In War Dept. Library.
- by E. D. Mansfield. 1868. In War Dept. Library.
- by H. C. Deming. 1868. In War Dept. Library.
- by John McElroy. Washington, 1897.
- and campaigns of, by J. G. Wilson 1868. In War Dept. Library.
- Ulysses S. Grant, by J. S. C. Abbott. Harper's New Monthly Mag., vol. 30 (1868), p. 151. (A)
- by W. F. G. Shanks. Harper's New Monthly Mag., vol. 31 (1868), p. 68, por. (A)
- by T. W. Higginson. Atlantic Monthly, vol. 57 (1886), p. 384.
- Report of the armies of the United States, 1864-65. New York, 1865.
- New York City. Reception of General Grant by citizens of New York, Nov. 20, 1865. 1 pam., O. 1865. (A)
- Grant and his campaigns. A military biography, by Henry Coppée. New York, 1866.
- U. S. Grant, reception at Galena, August, 1865, p. 681; Grant and the sidewalk (anecdote), p. 696. Harper's New Monthly Mag., vol. 32 (1866). (A)
- Life and services of Gen. U. S. Grant, conqueror of the rebellion and eighteenth President of the United States. Washington, 1868. 1 vol. O. (A)
- Personal history of Ulysses S. Grant, by A. D. Richardson. Atlantic Monthly, vol. 22 (1868), p. 638.
- Grant as soldier and statesman, by E. Howland. 1868.
- Military history of U. S. Grant, by Adam Badeau, 1861-1865. New York, 1868-1881. 3 vols.
- Eighteenth President, Mar. 4, 1869, to Mar. 4, 1877. Annual message to Congress, 1869, No. 1411, doc. 1; 1870, No. 1445, doc. 1; 1871, No. 1502, doc. 1; 1872, No. 1552, doc. 1; 1873, No. 1594, doc. 1; 1874, No. 1634, doc. 1; 1875, No. 1741, doc. 1; 1876, No. 1263, doc. 113. (C)
- Grant, Ulysses Simpson. Cannon (John): History of Grant's campaign for the capture of Richmond (1864-65), with an outline of the previous course of the American civil war . . . London, 1869. 1 vol., O. (A)
- Grant on the battlefield, by E. Lawrence. Harper's New Monthly Mag., vol. 39 (1869), p. 210.
- Marshall (Edward Chauncey): The ancestry of General Grant and their contemporaries . . . New York, 1869. 1 vol., O. (A)
- The intellectual character of General Grant, by Adam Badeau. Atlantic Monthly, vol. 23 (1869), p. 625.
- Smith (Francis H.). Presidential election, 1872 . . . 1 vol., O. 1872. (A)
- General Grant's qualifications and disqualifications, by A. G. Sedgwick. Atlantic Monthly, vol. 20 (1872), p. 125.
- The Grant convention and platform, by F. B. Sanborn. Atlantic Monthly, vol. 30 (1872), p. 254.
- Grant and the civil service, by A. G. Sedgwick. Atlantic Monthly, vol. 31 (1873), p. 716.
- Armament for seacoast defense, message of the president. Rept. Chief of Ord., 1875, p. 93. (C)
- Political record of U. S. Grant, by N. Cross. 1876. In War Dept. Library.
- With U. S. Grant in the East, by J. M. Keating. 1879. In War Dept. Library.
- Young (John Russell): Around the world with General Grant . . . 1877-1879. 2 vols., O. 1879. (A)
- General Grant and a third term, by George S. Boutwell. In North Amer. Rev., vol. 130, April, 1880.
- General Grant and strong government, by Judge J. S. Black. In North Amer. Rev., vol. 130, May, 1880.
- The Nicaragua Canal. In North Amer. Rev., vol. 132, February, 1881.
- An undeserved stigma. In North Amer. Rev., vol. 135, December, 1882.
- Memorial address at Manhattan Beach, N. Y., by Robert Laird Collier. New York, 1885.
- Memorial address at Atchison, Kans., by J. A. Martin. Topeka, 1885.
- Memorial services in Pawtucket, R. I. Pawtucket, 1885.
- Grant's memorial—What shall it be? by Launt Thompson and others. In North Amer. Rev., vol. 141, September, 1885.
- A letter from Millikens Bend. In North Amer. Rev., vol. 141, October, 1885.
- Letters and recollections of Grant, by Admiral Ammen. In North Amer. Rev., vol. 141, October and November, 1885.
- Rosecrans (W. S.): The mistakes of Grant. In North Amer. Rev., vol. 141, December, 1885. (A)
- Grant (F. D.): Halleck's injustice to Grant. In North Amer. Rev., vol. 141, December, 1885. (A)

- Grant, Ulysses Simpson. Fry (James B.) An acquaintance with Grant. *In* North Amer. Rev., vol. 141, December, 1885. (A)
- Career and character of U. S. Grant. Address at Belchertown, Mass., by Rev. P. W. Lyman. Belchertown, 1885. 24 *In* War Dept. Library.
- Hitt (Adrian). The Grant poem, containing Grant's public career and private life from the cradle to the grave. . . . New York, 1886. 1 vol., O. (A)
- Memorial day, May 30 and 31, 1886. U. S. Grant Post, No. 327, Dept of New York, G. A. R. 1 pam., bound, O. (A)
- Oration at tomb of Grant, by J. A. Logan. 1886. *In* War Dept. Library.
- Sherman and McPherson. *In* North Amer. Rev., vol. 142, April, 1886. (A)
- Letters to General Sherman. Important Historical Letters. *In* North Amer. Rev., vol. 143, July, 1886. (A)
- Grant's memoirs, 2d vol., by T. W. Higginson. Atlantic Monthly, vol. 58 (1886), p. 419.
- Personal memoirs and military history of U. S. Grant versus the Army of the Potomac, by C. McClellan. 1887. *In* War Dept. Library
- Estimate of U. S. Grant, by Matthew Arnold. 1887. *In* War Dept. Library.
- Fry (James B.) Grant and Matthew Arnold—An estimate (1887.) *In* North Amer. Rev., vol. 144. (A)
- Some more war letters, addressed to Gen. W. T. Sherman. *In* North Amer. Rev., vol. 144, April, 1887. (A)
- Grant as a soldier, by A. Alexander. 1887. (A)
- Arnold (Matthew) Civilization in the United States. pp. 1-68. General Grant. 1888. (A)
- U. S. Grant in peace. Personal memoir, by A. Badeau. 1888. *In* War Dept. Library.
- Reasons for accepting the Presidency. *In* North Amer. Rev., vol. 146 (1888), p. 558.
- Recollections of U. S. Grant, by G. W. Childs. 1890. *In* War Dept. Library.
- Boy's life of General Grant, by Thomas Wallace Knox. New York, 1895.
- Personal memoirs. New York, 1885-86. 2 vols. [New ed., rev.] 1895. 2 vols.
- Hoar (G. F.): The charge of packing the court against President Grant and Attorney-General Hoar refuted. 1 pam., O. 1896. (A)
- Lonvielle (E. M.): The Ulyssiad: An American epic. . . . 1 vol., O. 1896. (A)
- Anecdotes of U. S. Grant, by J. I. Ringwalt Philadelphia, 1896. *In* War Dept. Library.
- A study, by W. H. L. Barnes. Cal. M. O. L. U. S., Dec. 22, 1896. War papers, 19. *In* War Dept. Library.
- Porter (Gen. Horace): Campaigning with Grant. . . . New York, 1897. 1 vol., O. (A)
- U. S. Grant and the period of national preservation and reconstruction (Heroes of the nations), by William Conant Church. New York, 1897. xi, 473 pp., por. *In* War Dept. Library.

- Grant, Ulysses Simpson. True story of Gen. U. S. Grant (Children's lives of great men) by Eldridge Streeter Brooks. Boston, 1897.
- Cramer (M. J.) Ulysses S. Grant. Conversations and unpublished letters. . . . New York, 1897. 1 vol., O. (A)
- General Grant. . . . (Great commanders), by James Grant Wilson. New York 1897. 1 vol., O. (A)
- Letters to a friend (Elihu B. Washburne), 1861-1880. With introduction and notes by James Grant Wilson. . . . Boston, 1897. 1 vol., O. (A)
- *In* North Amer. Rev., vol. 165 (1897), p. 129.
- Monument and tomb of Gen. U. S. Grant, New York City. Official programme of the exercises at the dedication. 1 pam., F. 1897. (A)
- Garland (Hamlin): Grant at West Point. The story of his cadet days. *In* McClure's Mag., vol. 8, No. 3, January, 1897, pp. 195-210.
- U. S. Grant: His life and character, by Hamlin Garland. New York, 1898. 524 pp., ill.
- Fairmount Park Association ceremonies incident to the unveiling of the . . . equestrian statue of Gen. U. S. Grant. . . . Philadelphia, 1899. 1 vol., O. (A)
- Personal memoirs. New York. 2 vols., O., ill., ports. (A)
- Signature of U. S. Grant, from a West Point hotel register, 1839. Facsimile, in frame (16 by 12 inches).
- Collection of swords, presents, etc. *In* National Museum, Washington, D. C.
- Memorial of U. S. Grant, by Horace Porter. M. O. L. U. S., N. Y. *In* War Dept. Library.
- U. S. Grant at Chattanooga, by O. O. Howard. M. O. L. U. S., N. Y.
- Character of U. S. Grant, by E. S. Parker. M. O. L. U. S., N. Y.
- The siege of Vicksburg. Century Mag., vol. 30, p. 752.
- Gen. Lew Wallace and General McCook at Shiloh. Century Mag., vol. 30, p. 776.
- General Grant's papers in the war series. Century Mag., vol. 30, p. 805.
- The last days of General Grant, by Gen. Adam Badeau. Century Mag., vol. 30, p. 910.
- Lincoln and Grant, by Gen. Horace Porter. Century Mag., vol. 30, p. 938.
- "Taps." Poem, by F. M. Newton. Century Mag., vol. 30, p. 955.
- The dead comrade. Poem, by Richard Watson Gilder. Century Mag., vol. 30, p. 955.
- National memorials of the civil war. Views of General Grant and Charles Sumner, by Charles W. Eldridge. Century Mag., vol. 30, p. 957.
- General Grant's premonitions, by M. E. Seawell. Century Mag., vol. 30, p. 958.
- See Four Men, by Garcon, Paris, France. *In* War Dept. Library.
- Gratiot, Charles (U. S. M. A., 1806). Died May 18, 1855, aged 67. Portrait (oil painting, by

- Thomas Sully). Presented by Corps of Engineers. In the Library U. S. M. A.
- Gratiot, Charles.** Reports as Chief Engineer U. S. Army, 1828-1838.
- [Grattan, John Lawrence] (U. S. M. A., 1853). Massacre of, and his command, by Sioux Indians. No. 823, doc. 61; No. 728, doc. 63. (C)
- Gray, Alonzo** (U. S. M. A., 1887). Uses of cavalry in times of riot. Jour. Mil. Serv. Inst., vol. 19, p. 108. (A)
- Gray, Andrew C.** (of Delaware). Member of Board of Visitors to U. S. M. A. in 1858.
- Gray, George** (of Delaware). Member of Board of Visitors to U. S. M. A. in 1890 and in 1896.
- Greble, Edwin St. John** (U. S. M. A., 1881). Rapid-fire guns. In Chicago Exposition, 1893, Int. Cong. Eng., Oper. Div. Mil. Eng. Oper. Div. Mil. Eng. Int. Cong. Eng., 1894, p. 355. (A)
- Review of Bruff's Ordnance and gunnery. Jour. U. S. Art., vol. 6, p. 244.
- Greble, John Trout** (U. S. M. A., 1854). Died June 10, 1861, aged 27. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Quartermaster U. S. M. A., Aug. 31, 1859, to Jan. 5, 1860.
- Memoir . . . by B. T. Lossing. Philadelphia, 1870. 1 vol., O., ill., por. (A)
- Green, Bynum** (of New York). Member of Board of Visitors to U. S. M. A. in 1839.
- Green, James.** Quartermaster U. S. M. A., Oct. 22, 1818, to May 17, 1824.
- Greene, Benjamin Dwight** (U. S. M. A., 1866). Project, plan, estimate, etc., for the improvement of Port Ontario Harbor, Salmon River, N. Y. Rept. Chief of Eng., 1871, pp. 252, 253. (C)
- Mississippi River to the Atlantic. Rept. Chief of Eng., 1872, pp. 495, 510. (C)
- Report upon the docks of New York City. Essayons Club Papers, No. 37, 1874. (A)
- Greene, Francis Vinton** (U. S. M. A., 1870). Engraving (by Williams of New York) owned by Assoc. Grads. U. S. M. A.
- Photograph in Albums of officers' mess.
- Instructor of practical engineering, U. S. M. A., 1845-86.
- Local deflections of the plumb line near the forty-ninth parallel. Essayons Club Papers, No. 41, 1876. (A)
- Report on the Russian army and its campaigns in Turkey in 1877-78 . . . Text and atlas, 2 vols., O., 1879. (A)
- Author of various military and scientific papers, 1870-90.
- The Mississippi. (Campaigns of the civil war, 8.) New York, 1882. (A)
- Department of practical military engineering [U. S. M. A.]. Instructions for the month of October, 1885 [to accompany a map]. West Point, 1885. 1 vol., O., 23 pp. (A)
- General Greene . . . New York, 1893. 1 vol., O. [Part of Great commanders.] (A)
- Greene, Francis Vinton.** The U. S. Army. ill. Three papers in Scribner's Mag., vol. 30 (1901), pp. 286, 449, 593. (A)
- Important improvements in art of war and probable effect on future military operations. Jour. Mil. Serv. Inst., vol. 4, p. 1. (A)
- Our defenseless coasts. Scribner's Mag., vol. 1, p. 51.
- Over the Balkans with Gourko. Century Mag., vol. 20, p. 721.
- Author of numerous magazine articles.
- See West Point, maps, 1885.
- Greene, George Sears** (U. S. M. A., 1823). Died Jan. 28, 1899, aged 98. Portrait (oil painting by G. B. Butler). Presented by Gen. F. V. Greene. In memorial hall, West Point.
- Engraving (by J. C. Buttre) owned by Assoc. Grads. U. S. M. A.
- Photograph of, when 97 years old, the oldest living graduate of the Academy. Cabinet size in frame (12½ by 10½ inches).
- Bronze tablet, designed by McKim, Mead & White, on the bowlder over his grave at Apponang, R. I.
- Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Member of Board of Visitors to U. S. M. A. in 1881.
- Greene, Lewis Douglas** (U. S. M. A., 1878). The military value of the donkey. Jour. Mil. Serv. Inst., vol. 15, p. 943. (A)
- The Nicaragua Canal in its military aspect. Jour. Mil. Serv. Inst. U. S., vol. 26, p. 1.
- The National Guard as an effective reserve. Jour. Mil. Serv. Inst. U. S., vol. 27, p. 340.
- Greene, Nathaniel** (of Massachusetts). Member of Board of Visitors U. S. M. A., 1836.
- Greenough, George Gordon** (U. S. M. A., 1865). Photograph in Albums of officers' mess.
- Translation of De Kerillies's snail-shaped pointing cam for elevated batteries. Jour. U. S. Art., vol. 5, p. 408.
- Translation of Bacle's Attack of face-hardened plates by capped projectiles. Jour. U. S. Art., vol. 6, p. 220.
- Greer, John Edwin** (U. S. M. A., 1867). Trajectories of army revolvers, p. 257; Springfield rifle compared with Peabody-Martini, p. 261; Effect of powder spacing, in small arms, p. 263; Rapid firing, effect of, continued, on rifle, range finder, p. 264; Sights and bayonets for Springfield rifles, report on, p. 265; Action of sea water on brass cartridge shells, p. 267; Small arms, swollen barrels in service, p. 301. Rept. Chief of Ord., 1879. (C)
- Velocimeter, Benton's electro-ballistic machine, p. 403; Small arms of the leading nations, data relating to, p. 436. Rept. Chief of Ord., 1880. (C)
- Having varying lengths of barrel, experiments on small arms, p. 87; Long-range firing, p. 118; Telemeter sight of Capt. Guigo Folta, p. 149; Feed guides, feed cases, and method of packing ammunition for machine guns, p. 243; Report on experimental, cartridges 70 and 80 grains of powder and 500 grains of lead.

- p. 275; Trajectory of a projectile in vacuo, p. 315. Rept. Chief of Ord., 1881. (C)
- Greer, John Edwin.** Didion's formula for computing the trajectory of a projectile in the air, on value of "C" in. Rept. Chief of Ord., 1883, p. 85. (C)
- Construction of battery at Peekskill. Rept. Chief of Ord., 1889, p. 357. (C)
- For 12-inch B. L. mortars, manufacture of carriages at Builders Iron Foundry. Rept. Chief of Ord., 1892, p. 508. (C)
- Report of tests of revolvers, caliber .38. Rept. Chief of Ord., 1899. (C)
- Résumé of firings at Springfield Armory. Rept. Chief of Ord., 1900. (C)
- Report of experiments on small arms—space between bullet and powder charge. Ord. Note 104, vol. 4, p. 30. (A)
- Report on the effects of atmosphere on the velocity of gunpowder. Ord. Note 110, vol. 4, p. 87. (A)
- Report on captured Indian arms. Ord. Note 115, vol. 4, p. 152. (A)
- Report on swollen barrels (small arms). Ord. Note 117, vol. 4, p. 184. (A)
- Report of experiments on extreme ranges of the Springfield and Martini-Henry rifles and their ammunition. Ord. Note 132, vol. 5, p. 141. (A)
- Report on a telemeter sight. Ord. Note 142, vol. 5. (A)
- Report on improved feed guides and feed-cases for machine guns and method of packing the ammunition for transportation. Ord. Note 157, vol. 5. (A)
- Report on experimental cartridges of 70 and 80 grains of powder and 500 grains of lead. Ord. Note 161, vol. 5. (A)
- Report on the trajectory of a projectile in vacuo. Ord. Note 165, vol. 5. (A)
- Determination of the value of "C"—Didion's formulas. Ord. Note 228, vol. 7. (A)
- Solution of the problem of the trajectory of a projectile in vacuo. Ord. Note 329, vol. 11. (A)
- Gregg, David McMurtrie** (U. S. M. A., 1855). Further recollections of Gettysburg. *In* North Amer. Rev., vol. 152, March, 1891.
- Gregg, John Caldwell** (U. S. M. A.). Died Mar. 31, 1899, aged 35. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Gregory, James Fingal** (U. S. M. A., 1865). Died July 31, 1897, aged 54. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1898. (A)
- Project, plan, estimate, etc., for the improvement of Mississippi River to the Gulf. Rept. Chief of Eng., 1872, pp. 495, 510. (C)
- Fort Brown, Tex. Rept. Chief of Eng., 1877, p. 475; 1878, p. 621. (C)
- Green Bay, Wis., from light-house to first bridge on Fox River. Rept. Chief of Eng., 1893, p. 2778. (A)
- Fox River, Wis., on the necessity and advisability of building a protection wall on the canal at Kaukauna. Rept. Chief of Eng., 1893, p. 2779. (A)
- Gregory, James Fingal** Project, plan, estimate, etc., for the improvement of harbor at Calumet, on Lake Winnebago, Wis. Rept. Chief of Eng., 1893, p. 2783. (A)
- harbor lines in Oconto Harbor, Wis. Rept. Chief of Eng., 1893, pp. 2785, 2787. (A)
- harbor lines on Milwaukee River, Milwaukee, Wis. Rept. Chief of Eng., 1893, p. 2789. (A)
- Lake Michigan, water levels. Rept. Chief of Eng., 1893, p. 4383. (A)
- Oconto River, Wis. Rept. Chief of Eng., 1895, p. 2982. (A)
- Whitefish River, Mich. Rept. Chief of Eng., 1895, p. 2685. (A)
- harbor lines on Fox River, Wis. Rept. Chief of Eng., 1895, p. 2687. (A)
- Treadwater (Tradewater) River, Ky. Rept. Chief of Eng., 1897, p. 2477. (A)
- Green River, Ky. Rept. Chief of Eng., 1897, pp. 2505, 2506. (A)
- See Boards. Stickney. 5. See Commissions—Poe, 1. (A)
- Gresham, John Chowning** (U. S. M. A., 1870). The school at Fort Riley. *Jour. Mil. Serv. Inst.* vol. 18, p. 507. (A)
- Gresham, Walter Q.** (of Indiana). Member of Board of Visitors to U. S. M. A. in 1899.
- Grier, R. C.** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1839.
- Grier, William Nicholson** (U. S. M. A., 1835). Died July 8, 1885, aged 73. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- Griffin, Charles** (U. S. M. A., 1847). Engraving owned by Assoc. Grads. U. S. M. A.
- Bronze medallion (by Andrew O'Connor). Presented by F. A. Schemerhorn, 1902. In memorial hall.
- Griffin, Eugene** (U. S. M. A., 1875). Our sea-coast defenses. . . New York and London, 1885. 1 pam. O., 1. *Mil. Monographs*, No. 1.
- *In* North Amer. Rev., vol. 147 (1888), p. 64.
- Griffith, Frederick L.** (U. S. M. A., 1817). Adjutant U. S. M. A. May 14, 1827, to Sept. 1, 1831.
- Griffith, Joseph Evan** (U. S. M. A., 1867). Died July 7, 1877, aged 34. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Griffith, W. R.** (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1838.
- Griffiths, Albert James** (U. S. M. A., 1881). Died Nov. 6, 1882, aged 25. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1883. (A)
- Groome, John C.** (of Maryland). Member of Board of Visitors to U. S. M. A. in 1853.
- Grosvenor, Charles H.** (of Ohio). Member of Board of Visitors to U. S. M. A. in 1900.
- Grover, Cuvier** (U. S. M. A., 1850). Died June 6, 1885, aged 57. Engraving (by J. C. Buttre) owned by Assoc. Grads. U. S. M. A.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1885. (A)
- Grubb, Gen. Edward Burd** (of New York). Member of Board of Visitors to U. S. M. A. in 1890.

- Grubbs, Haydon Young** (U. S. M. A., 1806). Died Oct. 1, 1809, aged 27. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Guenther, Francis Luther** (U. S. M. A., 1859). Photograph in Albums of officers' mess.
- Gunnison, John Williams** (U. S. M. A., 1837). *The Mormons . . . a history . . . derived from personal observation.* Philadelphia, 1860. 1 vol., O., pp. 165. (A)
- Survey for Central Pacific Railroad. No. 717, doc. 18. (C)
- Gurley, P. D.** (of District of Columbia). Member of Board of Visitors to U. S. M. A. in 1863.
- Gurney, John Asa** (U. S. M. A., 1805). Died July 1, 1808, aged 27. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1899. (A)
- Guyer, George Dickinson** (U. S. M. A., 1801). Supply of small arm ammunition in field. *Jour. Cav. Assoc.*, 1898, p. 135. (A)
- Gwynn, Walter** (U. S. M. A., 1822). Died Feb. 6, 1882, aged 80. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1882. (A)
- Haan, William George** (U. S. M. A., 1880). Comments on Report of coast artillery target practice, Fort Monroe. *Jour. U. S. Art.*, vol. 17, p. 246.
- Hacker, John S.** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1854.
- Hackley, Charles William** (U. S. M. A., 1829). Died Jan. 10, 1861, aged 53. Elementary course of geometry, for the use of schools and colleges . . . New York, 1847. 1 vol., O. (A)
- Treatise on algebra . . . 3d ed. New York, 1840. 1 vol., O. (A)
- Treatise on trigonometry, plane and spherical, with its application to navigation and surveying, nautical and practical astronomy and geodesy . . . New ed. . . . New York, 1851. 1 vol., O. (A)
- Haddock, Charles B.** (of New Hampshire). Member of Board of Visitors to U. S. M. A. in 1841 and in 1850.
- Hagadorn, Charles Baldwin** (U. S. M. A., 1889). Military reconnaissance. *Jour. Cav. Assoc.*, 1893, p. 339. (A)
- Descriptive geometry problems, department of drawing, U. S. M. A. West Point, 1897. 1 vol., O., pls. (A)
- Our friend the Sultan of Jolo. *Century Mag.*, April, 1900.
- Book of letters and lettering, for the use of cadets in the department of drawing, U. S. M. A. West Point, 1903. 1 vol., O., pls. (A)
- Hagner, Peter Valentine** (U. S. M. A., 1836). Died Mar. 11, 1893, aged 78. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1893. (A)
- Intrenching tool; each trowel with wooden handle, recommended by. Rept. Chief of Ord., 1873, p. 57. (C)
- Carriage for Lowell battery gun. Rept. Chief of Ord., 1880, p. 413. (C)
- Haines, Augustine** (of Maine). Member of Board of Visitors to U. S. M. A. in 1859.
- Haines, John Taylor** (U. S. M. A., 1886). The U. S. magazine rifle, p. 53; The U. S. magazine carbine, model, 1895, p. 137. *Jour. Cav. Assoc.*, 1895. (A)
- Haines, Thomas Jefferson** (U. S. M. A., 1849). Died Aug. 14, 1883, aged 55. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1884. (A)
- Hains, Peter Conover** (U. S. M. A., 1861). Project, plan, estimate, etc., for the improvement of Potomac River in vicinity of Washington, D. C. Rept. Chief of Eng., 1885, pp. 939, 942; 1890, p. 1042; 1892, p. 1070. (C)
- James Creek Canal, D. C. Rept. Chief of Eng., 1888, pp. 809, 811. (C)
- Bridge at Washington, D. C. Rept. Chief of Eng., 1888, p. 2541. (C)
- Great Cacapon River, W. Va. Rept. Chief of Eng., 1880, p. 995. (C)
- Shenandoah River, Va. and W. Va. Rept. Chief of Eng., 1890, p. 1055. (C)
- Occoquan Creek, Va. Rept. Chief of Eng., 1891, p. 1254. (C)
- Patuxent River, Md. Rept. Chief of Eng., 1891, p. 1263. (C)
- St. Jerome Bay, Md. Rept. Chief of Eng., 1891, p. 1278. (C)
- St. Leonards Creek, Md. Rept. Chief of Eng., 1891, p. 1278. (C)
- Piscataway Creek, Md. Rept. Chief of Eng., 1891, p. 1281. (C)
- Newport Creek, head of Wicomico River, Md. Rept. Chief of Eng., 1891, p. 1282. (C)
- Smiths Creek, Md. Rept. Chief of Eng., 1891, p. 1283. (C)
- Nandua Creek, Va. Rept. Chief of Eng., 1891, p. 1284. (C)
- Upper Machodoc Creek, Va. Rept. Chief of Eng., 1891, p. 1287. (C)
- Wicomico River (Great), Va. Rept. Chief of Eng., 1891, p. 1288. (C)
- Cranes Creek, Va. Rept. Chief of Eng., 1891, p. 1289. (C)
- Kennebec River, at Bath, Me., and from Augusta to lower end of Perkins Island. Rept. Chief of Eng., 1892, p. 547. (C)
- Lynn Haven Bay, Va. Rept. Chief of Eng., 1892, p. 1076. (C)
- channel near Hardys Point, below Pembroke, Me. Rept. Chief of Eng., 1893, p. 723. (A)
- south fork of Bagaduce River, Me. Rept. Chief of Eng., 1893, p. 724. (A)
- Vinal Haven, or Carver Harbor, Me. Rept. Chief of Eng., 1893, p. 726. (A)
- Lincolnville (Duck Trap) Harbor, Me. Rept. Chief of Eng., 1893, p. 727. (A)
- Frenchs Beach Harbor, Me. Rept. Chief of Eng., 1893, p. 728. (A)
- Rockland Harbor, Me. Rept. Chief of Eng., 1893, p. 730. (A)
- Owls Head Harbor, Me. Rept. Chief of Eng., 1893, p. 731. (A)
- Tennant Harbor, Me. Rept. Chief of Eng., 1893, p. 733. (A)
- Georges River, Me. Rept. Chief of Eng., 1893, p. 734. (A)
- Portland Harbor, Me. Rept. Chief of Eng., 1893, p. 735. (A)
- Glen Cove Harbor, Me. Rept. Chief of Eng., 1895, p. 577. (A)

- Hains, Peter Conover.** Project, plan, estimate, etc., for the improvement of Royals River, Me. Rept. Chief of Eng., 1895, p. 579. (A)
- Parkers Head Harbor and channel. Rept. Chief of Eng., 1895, p. 581. (A)
- Cape Porpoise Harbor, Me. Rept. Chief of Eng., 1895, p. 583. (A)
- harbor of southwest Baltimore, Md. Rept. Chief of Eng., 1896, p. 1006. (A)
- Annapolis Harbor, Md. Rept. Chief of Eng., 1897, p. 1309. (A)
- Great Kanawha River, W. Va. Rept. Chief of Eng., 1897, p. 2569. (A)
- Annamessex River, Md., harbor lines. Rept. Chief of Eng., 1899, p. 1399. (A)
- Sparrow Point, Md., harbor lines. Rept. Chief of Eng., 1899, p. 1410. (A)
- Fixed coast defenses. Jour. Mil. Serv. Inst., vol. 15, p. 233. (A)
- An isthmian canal from a military point of view. [Reprint.] Jour. U. S. Art., vol. 18, p. 289.
- See Boards—Abbot, 7, 8; Casey, 14, 15; Craig hill, 6, 13, 15, 23; Hains; Macomb, 1, 3; Robert, 7, 11; Wilson (J. M.), 2. (A)
- Hairston, Peter** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1895.
- Hale, Rev. Edward Everett** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1890.
- Hale, Eugene** (of Maine). Member of Board of Visitors to U. S. M. A. in 1879.
- Hale, Irving** (U. S. M. A., 1884). Address. *In* Cadet Howitzer, 1884, pp. 8-11.
- Present limitations of electric power in mining. 1 pam., O. 1892. (A)
- Discussion of Parkhurst's Electricity and the art of war. Jour. U. S. Art., vol. 2, p. 101.
- Hale, Robert S.** (of New York). Member of Board of Visitors to U. S. M. A. in 1874.
- Hall, Charles Badger.** Photograph *in* Albums of officers' mess.
- Treasurer U. S. M. A., May 5, 1898, to Jan. 9, 1902.
- Hall, Christopher Tomkins** (U. S. M. A., 1868). Died Jan. 31, 1887, aged 40. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1887. (A)
- Hall, Frederick** (of District of Columbia). Member of Board of Visitors to U. S. M. A. in 1842.
- Hall, James Harrison** (U. S. M. A., 1805). Died Mar. 31, 1893, aged 48. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Hall, Louis W.** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1897.
- Hall, Lyman** (U. S. M. A., 1881). Hall's Elements of algebra and key to same.
- Hall, Robert Henry** (U. S. M. A., 1860). Photograph *in* Albums of officers' mess.
- Adjutant U. S. M. A., Sept. 1, 1871, to July 1, 1878.
- Librarian U. S. M. A. from Sept. 2, 1871, to Nov. 1, 1878.
- List of cadets admitted to the U. S. M. A. . . . till Sept. 30, 1876; with tables exhibiting the results of the examinations, and the corps to which the graduates have been promoted . . . Washington, 1876. 1 pam., O. (A)
- Hall, Robert Henry.** Address to the members of the U. S. Infantry Society. Pub. U. S. Inf. Soc., vol. 1, No. 1 (March, 1864).
- Sketch of the history of Fort Dearborn, Chicago, Ill., 1866.
- History of the flag of the United States. 1897.
- Registers of the U. S. Army for 1780, 1792, 1794, 1796, 1798. Compiled and published for private distribution.
- Early discipline at the U. S. M. A. Jour. Mil. Serv. Inst., vol. 2, p. 448. (A)
- Author of several reviews of works on U. S. history.
- History of U. S. Infantry tactics.
- See West Point. Laws of Congress relating to, from 1786 to 1877.
- Hall, Thomas Winthrop** (U. S. M. A., 1887). Died Aug. 21, 1900, aged 36. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- When heads are trumps. [Verse.]
- When Love laughs. [Verse.]
- When Cupid calls. [Verse.]
- When Love is lord. [Verse.]
- The little lady. [Prose.]
- Some other people and myself. [Prose.]
- An experimental wooing. [Prose.]
- The fun and fighting of the Rough Riders. [Prose.]
- Tales by Tom Hall. [Prose.]
- Co-dramatist of Beside the bonnie brier bush.
- Hall, William K.** (of New York). Member of Board of Visitors to U. S. M. A. in 1879.
- Hall, William Preble** (U. S. M. A., 1868). The use of arms, mounted, p. 34; Saddle up, p. 28. Jour. Cav. Assoc. 1888. (A)
- Revolver shooting, p. 37; Notes on the competition for 1889, p. 421. Jour. Cav. Assoc., 1889. (A)
- Saddle and cavalry horses. Jour. Cav. Assoc., 1892, p. 179. (A)
- Revolver or saber. *In* North Amer. Rev., vol. 101 (1895), p. 249.
- How to shoot a revolver. Kansas City, 1901. 1 vol., O. pp. 43.
- Halleck, Henry Wager** (U. S. M. A., 1839). Died Jan. 9, 1872, aged 57. Portrait (oil painting by J. H. Lazarus). Presented by General Cullum. *In* memorial hall, West Point.
- Engraving (by L. A. O'Neill) owned by Assoc. Grads. U. S. M. A.
- Bronze statue. *In* Central Park, on the Mall, New York City; unveiled 1877.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1872; Harper's New Monthly Mag., vol. 44 (1872), p. 634. (A)
- Blumen: Its varieties, properties, and uses. Compiled from various sources. Prof. Papers Corps of Eng., U. S. A., No. 1. Washington, 1841. O.
- A course of instruction in the elements of military art and science, etc., with critical

- notes on the Mexican and Crimean wars. 12°. pp. 449, pl. New York, 1859.
- Halleck, Henry Wager.** A collection of mining laws of Spain and Mexico. 1859.
- Translator and editor. *De Fooz on the law of mines*, with introductory remarks. 1860.
- International law and laws of war; or, Rules regulating the intercourse of States in peace and war. San Francisco, 1861. 1 vol., O. (A)
- Abridged for the use of colleges and academies. San Francisco, 1865. 1 vol., O., pp. 28.
- 3d ed., thoroughly revised and in many parts rewritten by Sir Sherston Baker . . . vols. 1, 2. London 1893. 2 vols., O. (A)
- Elements of military art and science . . . 3d ed. . . . New York, 1893. 1 vol., O. (A)
- Annual report of the General-in-Chief, U. S. Army. Washington, 1893. 1 vol., O., pp. 46. (A)
- Translator of Jomini's *Life of Napoleon*. New York, 1864. 4 vols and atlas. (A)
- A treatise on international law and the laws of war, prepared for the use of schools and colleges. 1866.
- Telegrams received by . . . while General-in-Chief and Chief of Staff. Vol. 1, pts. 1 and 2; vol. 2, pts. 1 and 2; vol. 3, pts. 1 and 2; vol. 4, pt. 5. Washington, 1877. 8 vols., O. (A)
- Grant, (P. D.): Halleck's injustice to Grant. *In* North Amer. Rev., vol. 141, December, 1885. (A)
- Unpublished war letters. *In* North Amer. Rev., vol. 142, March, 1886.
- Some unpublished war letters; addressed to W. T. Sherman. *In* North Amer. Rev., vol. 143, November, 1886. (A)
- Report on the means of national defense. *In* Senate Doc. 85, 28th Cong., 2d sess., 1845. 1 vol., O., pp. 76. (A)
- Hallonquist, James Henry** (U. S. M. A., 1858). Died June 9, 1884, aged 49. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1887. (A)
- Halsted, N. N.** (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1864.
- Hambright, Fred.** Member of Board of Visitors to U. S. M. A. in 1831.
- Hambright, Horace George** (U. S. M. A., 1892). Died April 15, 1896, aged 26. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Hamilton, Alston** (U. S. M. A., 1804). A sketch of the military history of Japan 1897 1 vol., Q., MS. (A)
- Brilliant points on a family of concentric spheres. *Annals of Math.*, 19—. (A)
- The Weldon range finder; its use and theory. *Jour. U. S. Art.*, vol. 8, p. 263.
- Translation of Torre's *The Krupp 7.5 c. m. R. F. gun in the Cuban campaign*. *Jour. U. S. Art.*, vol. 9, p. 283.
- Hamilton, Alston.** A simple method of laying guns for indirect fire for the 3.2 B. L. field rifle. *Jour. U. S. Art.*, vol. 11, p. 121.
- The irreducible case of the cubic equation. *Jour. U. S. Art.*, vol. 13, p. 50.
- Hamilton, Charles Smith** (U. S. M. A., 1843). Died April 17, 1891, aged 67. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1891. (A)
- Member of Board of Visitors to U. S. M. A. in 1874.
- Hamilton, Frank Brown** (U. S. M. A., 1862). Died May 29, 1891, aged 53. Photograph in Albums of officers's mess.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1891. (A)
- Hamilton, James.** Member of Board of Visitors to U. S. M. A. in 1825.
- Hamilton, John** (U. S. M. A., 1847). Died July 15, 1900, aged 77. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Artillery practice, 20-inch Rodman gun used in. *Rept. Chief of Ord.*, 1884, p. 113. (C)
- Review of Wilcox's history of the Mexican war. *Jour. U. S. Art.*, vol. 1, p. 291. Comment on same, Wilcox's history of the Mexican war. *Jour. U. S. Art.*, vol. 2, p. 141.
- Our artillery organization, p. 1; Notice of Aide-memoire de Marine Durassier et Valentino, p. 457. *Jour. U. S. Art.*, vol. 2.
- The latest studies on the detonation of explosives. The explosive wave. [Translation from a summary by Lieutenant Sanchez, Chilean army, from Berthelot], p. 140; Review of Brassey's Annual, 1893, p. 145; Coast artillery fire instruction, p. 249; Review of Gould's Modern American pistol and revolvers, p. 525. *Jour. U. S. Art.*, vol. 3.
- Comment on Wills' Regimental court of honor. *Jour. Mil. Serv. Inst.*, vol. 11, p. 816. (A)
- Comment on The summary court, p. 1237; Review of Chittenden's Recollection of Lincoln, etc., p. 1305. *Jour. Mil. Serv. Inst.*, vol. 12. (A)
- Review of Polk's Leonidas Polk, bishop and general. *Jour. Mil. Serv. Inst.*, vol. 15, p. 1068. (A)
- Review of Ropes' Story of the civil war. *Jour. Mil. Serv. Inst.*, vol. 17, p. 189. (A)
- Hamilton, Peter** (of Alabama). Member of Board of Visitors to U. S. M. A. in 1867.
- Hamilton, Robert** (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1848.
- Hamilton, Schuyler** (U. S. M. A., 1841). Died Mar. 18, 1903, aged 81. History of the national flag of the United States of America . . . Philadelphia, 1852. 1 vol., O. (A)
- Our national flag; the Stars and Stripes; its history in a century. Address delivered before the New York Historical Society . . . 1877 . . . New York, 1877. 1 pam., O. (A)
- Our national flag; "The Star Spangled Banner;" the history of it. New York, 1887. 1 vol., p. 26. (A)
- Who projected the canal at island No. 10? *Century Mag.*, vol. 30, p. 776.

- Hamilton, William John** (U. S. M. A., 1868). Died Jan. 22, 1872, aged 26. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1872.
- Hamilton, William Reeve** (U. S. M. A., 1876). Elementary principles connected with the art of war, being instructions for the care of minor organizations in the time of peace or war . . . 2d ed. 1 vol., 12°. 1887. (A)
- Manual of U. S. Army, Navy, and Marine Corps retirements from 1900 to 1935, inclusive. 1 pam., sm. O. 1900. (A)
- Review of military career of Gen. George Izard. *Jour. Mil. Serv. Inst.*, vol. 9, p. 405. (A)
- The Nicaragua Canal. *Jour. Mil. Serv. Inst.*, vol. 15, p. 687. (A)
- Practical instructions for the National Guard. 1888.
- Hammond, Charles Lyman** (U. S. M. A., 1876). Letter on Dorst's General Mackenzie. *Jour. Cav. Assoc.*, 1898, p. 230. (A)
- About the Bible, being a collection of extracts from writings of eminent biblical scholars and of scientists of Europe and America. New York, 1900. 1 vol., O., ill.
- Hammond, Harry Truett** (U. S. M. A., 1877). Died Feb. 8, 1883, aged 27. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1883. (A)
- Hammond, Marcus Claudius Marcellus** (U. S. M. A., 1836). Died Jan. 23, 1876, aged 61. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1876. (A)
- Member of Board of Visitors to U. S. M. A. in 1852.
- Various essays on agricultural, political and military subjects, 1843-1849.
- Critical history of the Mexican war, in a series of articles published in the *Southern Quarterly Review*, 1849-1853.
- Oration on the duties and the requirements of an American officer, delivered before the Dialectic Society of the U. S. M. A. New York, 1852. 1 vol., O., p. 39. (A)
- Hammond, Richard Pindell** (U. S. M. A., 1841). Died Nov. 28, 1891, aged 71. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1892. (A)
- Member of Board of Visitors to U. S. M. A. in 1876.
- Hampton, Celwyn Emerson** (U. S. M. A., 1896). Sun fables. N. Y. Sun, Mar. 30, 1902.
- N. Y. Sun, Apr. 6 and 13, 1902.
- Japanese fables. In N. Y. Sun, Apr. 20-27, 1902.
- Hancock, David Porter** (U. S. M. A., 1854). Died May 21, 1880, aged 47. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1880. (A)
- Hancock, Winfield Scott** (U. S. M. A., 1844). Died Feb. 9, 1886, aged 62. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- (by H. B. Hall's sons) owned by Assoc. Grads. U. S. M. A.
- Bronze equestrian statue. Cemetery Hill, Gettysburg.
- Equestrian statue. To be erected in Fairmount Park, Philadelphia.
- Bronze statue (by J. Q. A. Ward). In Philadelphia, Pa.
- Hancock, Winfield Scott**. Statue Hancock Square, New York City, N. Y.
- Bronze bust (by Wilson Macdonald). In Metropolitan Museum, New York City.
- Bronze medallion (by Philip Martiny). Presented by Gen. Eugene Griffin. In memorial hall.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1886; *Harper's New Monthly Mag.*, vol. 72, 1886, p. 813. (A)
- Letters and addresses contributed at a general meeting of the Military Service Institution held at Governors Island, New York Harbor, Feb. 25, 1886. New York, 1886.
- Hancock (Mrs. A. R.). Reminiscences of W. S. Hancock, by his wife. 1 vol., O. 1887. (A)
- Bingham (Bvt. Brig. Gen. H. H.). Oration at the unveiling of the equestrian statue of Maj. Gen. W. S. Hancock on the battlefield of Gettysburg, 1896. Philadelphia, 1899. 1 pam., bound, O. (A)
- Message of President Johnson, recommending some recognition of services of, as commander of Fifth military district. No. 1332, doc. 88. (C)
- Removal of New Orleans city council. No. 1339, doc. 172; No. 1341, doc. 299. (C)
- Communication suggesting amendment to one hundred and fourth article of war in relation to courts-martial. No. 1780, doc. 8. (C)
- See Walker (Gen. F. A.). Military characters and services. In *Some Federal and Confederate Commanders*.
- Handbury, Thomas Henry** (U. S. M. A., 1805). Photograph in *Albums of officers' mess*.
- Project, plan, estimate, etc., for the improvement of San Diego Harbor, Cal. Rept. Chief of Eng., 1872, p. 1005. (C)
- Missouri River. Rept. Chief of Eng., 1879, pp. 1055, 1058, 1059, 1062, 1083, 1088. (C)
- Red River (Little), Ark. Rept. Chief of Eng., 1882, pp. 1587, 1589. (C)
- Little River, Ark. Rept. Chief of Eng., 1884, p. 1407. (C)
- Bayou Metre (Meto.), Ark. Rept. Chief of Eng., 1884, p. 1408. (C)
- White River, Ark. Rept. Chief of Eng., 1884, p. 1410. (C)
- Fawn Creek, Ill. Rept. Chief of Eng., 1887, p. 2171. (C)
- Willamette River, Oreg., west side of Swan Island. Rept. Chief of Eng., 1891, p. 2373. (C)
- Youngs Bay Channel, Oreg. Rept. Chief of Eng., 1891, p. 3377. (C)
- Deep River, Wash. Rept. Chief of Eng., 1891, p. 3378. (C)
- Crooked River, Wash. Rept. Chief of Eng., 1891, p. 3379. (C)
- Yamhill River, Oreg. Rept. Chief of Eng., 1891, p. 3383; 1893, p. 3531. (C)
- Lewis and Clarke River, Oreg. Rept. Chief of Eng., 1891, p. 3385. (C)
- Grays River, Wash. Rept. Chief of Eng., 1891, p. 3387. (C)

- Handbury, Thomas Henry.** Project plan, estimate, etc., for the improvement of Willamette River, Oreg., Clackamas Rapids, Ross Island, and Corvallis City. Rept. Chief of Eng., 1862, p. 394. (C)
- Columbia River, Wash. Rept. Chief of Eng., 1862, p. 2868. (C)
- Willamette River, Oreg. Rept. Chief of Eng., 1863, p. 3529. (A)
- Lewis River, Wash. Rept. Chief of Eng., 1893, p. 3574. (A)
- St. Johns River, Fla. Rept. Chief of Eng., 1895, pp. 1560, 1587. (A)
- St. Lucia Inlet and River, Fla. Rept. Chief of Eng., 1895, p. 1564. (A)
- Entrance to Biscayne Bay, Fla. Rept. Chief of Eng., 1895, p. 1597. (A)
- Tampa Bay, Fla. Rept. Chief of Eng., 1895, p. 1571. (A)
- Anclote River, Fla. Rept. Chief of Eng., 1895, p. 1574. (A)
- Crystal River, Fla. Rept. Chief of Eng., 1895, p. 1576. (A)
- Withlacoochee River, Fla. Rept. Chief of Eng., 1895, p. 1579. (A)
- Harbor at Cape Canaveral, Fla. Rept. Chief of Eng., 1895, p. 1605. (A)
- Indian River, Fla. Rept. Chief of Eng., 1896, p. 1321. (A)
- Colombia River, entrance to; 1889 (in 2 sheets). Topographical map.
- See Boards — Handbury; Benyard, 1; Craighill, 23; Hains, 5, 6; Mendell, 2, 3, 13, 15, 16; Stickney, 10; Suter, 2. See Commission— Gillespie, 1, 2, 3, 5; Stickney, 1, 2, 3, 4, 5, 6, 7. (A)
- Haney, William Walter** (U. S. M. A., 1892). Died Mar. 6, 1897, aged 26. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1897. (A)
- Hanson, A. B.** (of Maryland). Member of Board of Visitors to U. S. M. A. in 1855.
- Haralson, H. A.** (of Georgia). Member of Board of Visitors to U. S. M. A. in 1847.
- Harcastle, Edmund La Fayette** (U. S. M. A., 1846). Died Aug. 11, 1899, aged 75. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Report on survey of valley of Mexico. No. 529, doc. 10, No. 554, doc. 11. (C)
- Hardee, William Joseph** (U. S. M. A., 1838). Died Nov. 6, 1873, aged 58. Photograph *in* Albums of officers' mess.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1874; Harper's New Monthly Mag., vol. 48 (1874), p. 307. (A)
- Commandant of cadets U. S. M. A., 1850–1860.
- Rifle and light infantry tactics. Philadelphia, 1856. 2 vols., O., ill. (A)
- Hardie, James Allen** (U. S. M. A., 1843). Died Dec. 14, 1876, aged 54. Photograph *in* Albums of officers' mess.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- Memoir of James Allen Hardie, Inspector-General, U. S. Army . . . 1 pam., O., 1887. (A)
- Hardin, Edward Ervin** (U. S. M. A., 1874). Photograph *in* Albums of officers' mess.
- Army messing. Jour. Mil. Serv. Inst., vol. 6, p. 276. (A)
- Comment on Hawkins Outline of manual of infantry drill. Jour. Mil. Serv. Inst., vol. 11, p. 400. (A)
- Hardin, Martin D.** (U. S. M. A., 1859). Some thoughts on methods of attack. Jour. Mil. Serv. Inst., vol. 15, p. 66. (A)
- The Military Academy. *In* Jour. Mil. Serv. Inst. U. S., vol. 18, p. 449. (A)
- History of Twelfth Regiment Pennsylvania Reserves.
- Author of many articles for military and other magazines.
- Harding, Chester** (U. S. M. A., 1889). Project, plan, estimate, etc., for the improvement of Muskegon River, Mich. Rept. Chief of Eng., 1900, p. 3934. (A)
- Lake Michigan to Stony Lake, Mich., channel. Rept. Chief of Eng., 1900, p. 3939. (A)
- Arcadia Harbor, Mich. Rept. Chief of Eng., 1900, p. 3942. (A)
- Muskegon Harbor, Mich. Rept. Chief of Eng., 1901, p. 3131. (A)
- Hardy, Arthur Sherburne** (U. S. M. A., 1869). Francesca of Rimini: A poem. Philadelphia, 1878. 1 vol., O., 46 pp. (A)
- Elements of quaternions . . . Boston, 1881. 1 vol., O. (A)
- But yet a woman: A novel. 1883. (A)
- The wind of destiny. 169. 1886. (A)
- Marginal notes from the library of a mathematician. Atlantic monthly, vol. 59 (1887), p. 81.
- Passe rose. 129. Boston, 1890. (A)
- Life and letters of Joseph Hardy Neesima. 1 vol., O. 1892. (A)
- Editor Cosmopolitan Magazine, 1893–1895.
- Elements of analytic geometry . . . Boston, 1897. 1 vol., O. (A)
- Songs of two. New York, 1900. 1 vol., O., 36 pp. (A)
- His daughter first. Boston, 1903. 1 vol., O., 349 pp. (A)
- A truce. [Poem.] Scribner's Mag., vol. 9, p. 31.
- My friend. [Poem.] Scribner's Mag., vol. 9, p. 305.
- New methods in topographical surveying. New York.
- Notes on imaginaries.
- Elements of the calculus.
- See West Point, Fourth of July oration, 1868, by Cadet Hardy.
- Harrison, George Sumner** (U. S. M. A., 1892). Died June 2, 1894, aged 25. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Harlow, Frank Stowell** (U. S. M. A., 1879). Translation of Siacci's Resistance of the air to the motion of projectiles. Jour. U. S. Art., vol. 5, p. 353; vol. 6, p. 207; vol. 7, p. 361.
- A new general ballistic table. [Translation.] Jour. U. S. Art., vol. 8, p. 295.

- Harlow, Frank Stowell and Michie, Peter Smith** (U. S. M. A., 1863). *Practical astronomy* . . . 2d ed. . . . New York, 1893. 1 vol., O., ix+218 pp.
- Harmon, John B.** (of California). Member of Board of Visitors to U. S. M. A. in 1854.
- Harmon, Millard Fillmore** (U. S. M. A., 1886). The Buffington-Crozier experimental disappearing carriage for 8-in. breech-loading steel rifle. *Jour. U. S. Art.*, vol. 4, p. 42.
- Harper, William R.** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1902.
- Harrington, Henry Moore** (U. S. M. A., 1872). Died June 25, 1876, aged 27. *Obituary in Ann. Assoc. Grads., U. S. M. A., 1877.* (A)
- Harris, Frank Ephraim** (U. S. M. A., 1892). Translation of Ricci's Contribution to the study of the probability of fire of coast artillery. *Jour. U. S. Art.*, vol. 9, p. 26.
- Translation of Ricci's Note on the employment of scaled elevations in coast artillery firing. *Jour. U. S. Art.*, vol. 13, p. 27.
- Translation of Bonamico's The study of sea power. *Jour. U. S. Art.*, vol. 13, p. 279; vol. 14, p. 192; vol. 15, p. 41; vol. 16, p. 49.
- Translation of Ronca's Perforation formulas. *Jour. U. S. Art.*, vol. 13, p. 302.
- Translation of Bassani's New formulas for curved fire. *Jour. U. S. Art.*, vol. 14, p. 177.
- Translation of Mielichhofer's Observations on firing expedients of coast artillery. *Jour. U. S. Art.*, vol. 15, p. 1.
- Translation of Von Obermayer's Experiments in illustration of the top motion of rotating oblong projectiles. *Jour. U. S. Art.*, vol. 16, pp. 63, 189, 303.
- Translation of Bassani's Upon the form of the head of oblong projectiles which encounters the minimum resistance to motion from the air. *Jour. U. S. Art.*, vol. 16, pp. 154, 294.
- Modifications of the German ironclad *Hagen*. *Jour. U. S. Art.*, vol. 17, p. 84.
- Harris, George Montgomery** (U. S. M. A., 1868). Died May 11, 1873, aged 27. *Obituary in Ann. Assoc. Grads., U. S. M. A., 1873.* (A)
- Harris, Henry Leavenworth** (U. S. M. A., 1869). Photograph in Albums of officers' mess.
- Instruction in photography at the U. S. Artillery School. 1 v. O., pp. 49. Fort Monroe, 1882.
- Range and position finding. 1 pam. 1893. *See Art. Circ. E.* (A)
- Gunpowder analysis. *Ord. Note* 181, vol. 6, p. 16. (A)
- Comment on Range and position finding. *Jour. Mil. Serv. Inst.*, vol. 12, p. 1025. (A)
- Comment on Position-finding service, p. 540; translator of The Deport apparatus for laying heavy guns, p. 750. *Jour. Mil. Serv. Inst.*, vol. 13. (A)
- Comment on Horn's Telescopic sights. *Jour. Mil. Serv. Inst.*, vol. 23, p. 364. (A)
- Photographic triangulation. Description of the process of photo-zincography. O., pp. 32, ill.
- Harris, Henry R.** (of Georgia). Member of Board of Visitors to U. S. M. A. in 1879.
- Harris, Isham G.** (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1883.
- Harris, Nathaniel Sayre** (U. S. M. A., 1825). Died Apr. 22, 1886, aged 80. *Obituary in Ann. Assoc. Grads. U. S. M. A., 1886.* (A)
- Harris, T. M.** (of West Virginia). Member of Board of Visitors to U. S. M. A. in 1867.
- Harris, William A.** (of Kansas). Member of Board of Visitors to U. S. M. A. in 1900.
- Harris, William Hamilton** (U. S. M. A., 1861). Died Nov. 6, 1895, aged 57. *Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1896.* (A)
- Harrison, A. G.** (of Missouri). Member of Board of Visitors to U. S. M. A. in 1832.
- Harrison, Benjamin** (of Indiana). Member of Board of Visitors to U. S. M. A. in 1882.
- Harrison, George Francis Edward** (U. S. M. A., 1873). Photograph in Albums of officers' mess.
- Harts, William Wright** (U. S. M. A., 1889). Project, plan, estimate, etc., for the improvement of Woods Hole Mass. Rept. Chief of Eng., 1893, p. 862. (A)
- Wickford Harbor, Narragansett Bay, R. I. Rept. Chief of Eng., 1893, p. 874. (A)
- Stonington Harbor and its entrance, Conn. Rept. Chief of Eng., 1893, p. 893. (A)
- former entrance to Point Judith Pond, R. I. Rept. Chief of Eng., 1895, p. 680. (A)
- Woods Hole and Little Woods Hole Harbor, Mass. Rept. Chief of Eng., 1895, p. 750. (A)
- Wickford Harbor in Narragansett Bay, R. I. Rept. Chief of Eng., 1895, p. 753. (A)
- Snake River, Wash. and Oreg. Rept. Chief of Eng., 1900, p. 4335. (A)
- Columbia River, Oreg. and Wash. Rept. Chief of Eng., 1901, pp. 3502, 3515. (A)
- Snake River, Idaho and Wash. Rept. Chief of Eng., 1901, pp. 3526, 3529. (A)
- *See* Boards.—Hener, t, Langfitt, t; Mansfield, 5; Stickney, 5. (A)
- Hartsuff, George Lucas** (U. S. M. A., 1852). Died May 10, 1874, aged 44. Photograph in Albums of officers' mess.
- *Obituary in Ann. Assoc. Grads. U. S. M. A., 1874; Harper's New Monthly Mag.*, vol. 49 (1874), p. 298. (A)
- Harvey, John Gailard** (U. S. M. A., 1831). Editor Alabama Beacon since 1844.
- Harvey, Philip Francis**. Chief medical officer U. S. M. A., 1892-1894.
- The Military Academy and the education of officers. *In Jour. Mil. Serv. Inst. U. S.*, vol. 16 (1895), p. 327. (A)
- Harwood, Franklin** (U. S. M. A., 1861). Died Mar. 26, 1883, aged 44. Photograph in Albums of officers' mess.
- *Obituary in Ann. Assoc. Grads. U. S. M. A., 1883.* (A)
- Project, plan, estimate, etc., for the improvement of Buffalo Harbor, N. Y. Rept. Chief of Eng., 1869, p. 149. (C)

- Harwood, Franklin.** Project, plan, estimate, etc., for the improvement of Dunkirk Harbor. N. Y. Rept. Chief of Eng., 1872, p. 247; 1873, p. 348; 1874, vol. 1, p. 226; 1879, pp. 193-197; 1898, pp. 43, 196; 1879, p. 190. (C)
- Grand River Harbor, Fairport, Ohio. Rept. Chief of Eng., 1873, p. 39; 1874, vol. 1, p. 222. (C)
- Maumee River, Ohio. Rept. Chief of Eng., 1873, pp. 42, 324, 325. (C)
- Monroe River Harbor (Raisin River), Mich. Rept. Chief of Eng., 1873, pp. 308, 309; 1874, vol. 1, p. 215. (C)
- Sandusky City Harbor, Ohio. Rept. Chief of Eng., 1873, p. 327; 1874, vol. 1, p. 217. (C)
- Huron Harbor, Ohio. Rept. Chief of Eng., 1873, p. 331; 1874, vol. 1, p. 218. (C)
- Vermilion Harbor, Ohio. Rept. Chief of Eng., 1873, p. 332. (C)
- Black River Harbor, Ohio. Rept. Chief of Eng., 1873, p. 335; 1874, vol. 1, p. 220. (C)
- Cleveland Harbor, Ohio. Rept. Chief of Eng., 1873, p. 337; 1874, vol. 1, pp. 222, 237. (C)
- Ashtabula Harbor, Ohio. Rept. Chief of Eng., 1873, p. 349; 1874, p. 223; 1874, vol. 1, p. 223; 1875, vol. 1, p. 314. (C)
- Conneaut Harbor, Ohio. Rept. Chief of Eng., 1873, p. 342; 1874, vol. 1, p. 224. (C)
- Erie (Presque Isle) Harbor, Pa. Rept. Chief of Eng., 1873, p. 343; 1874, vol. 1, p. 225. (C)
- Port Clinton Harbor, Ohio. Rept. Chief of Eng., 1873, p. 344; 1874, vol. 1, p. 217. (C)
- Rocky River Harbor, Ohio. Rept. Chief of Eng., 1873, p. 345; 1874, vol. 1, p. 221. (C)
- Cheboygan Harbor, Mich. Rept. Chief of Eng., 1876, vol. 2, pp. 530, 531; 1877, p. 945; 1879, pp. 169, 1696; 1882, p. 2328; 1887, p. 2247. (C)
- St. Clair Flats and ship canal, Mich. Rept. Chief of Eng., 1877, p. 949; 1879, p. 1659. (C)
- Saginaw River, Mich. Rept. Chief of Eng., 1877, p. 941; 1879, pp. 169, 1662; 1881, p. 2250. (C)
- Au Sable River Harbor, Mich. Rept. Chief of Eng., 1879, pp. 169, 1657-1658. (C)
- Grand Haven Harbor, Mich. Rept. Chief of Eng., 1880, p. 2024. (C)
- Sebawaing Harbor, Mich. Rept. Chief of Eng., 1880, p. 2045; 1882, p. 2334. (C)
- St. Josephs River, Mich. Rept. Chief of Eng., 1880, p. 2054; 1888, p. 258. (C)
- Mackinac City, Mich. Rept. Chief of Eng., 1880, pp. 2059, 207. (C)
- Belle River, Mich. Rept. Chief of Eng., 1880, p. 2060; 1883, p. 1875, 1885, p. 2158; 1887, p. 2292. (C)
- Clinton River, Mich. Rept. Chief of Eng., 1880, p. 2063. (C)
- Frankfort (Aux Becs Scies) Harbor, Mich. Rept. Chief of Eng., 1881, p. 2201. (C)
- Harwood, Franklin.** Project, plan, estimate, etc., for the improvement of Grand River below Grand Rapids, Mich. Rept. Chief of Eng., 1881, p. 2224. (C)
- Alpena Harbor, Thunder Bay, Mich. Rept. Chief of Eng., 1881, p. 2244; 1884, p. 2037; 1887, p. 2249. (C)
- Swan Creek, Lake St. Clair, Mich. Rept. Chief of Eng., 1881, p. 2257. (C)
- Empire Bay, Mich. Rept. Chief of Eng., 1881, pp. 2260, 2261. (C)
- See Boards—Cram, 1, 2; Macomb, 2, 10; Merrill, 1; Warren, 2; Woodruff, 1, 4, 11, 13. (A)
- Hasbrouck, Henry Cornelius** (U. S. M. A., 1861). Photograph in Albums of officers' mess.
- Commandant of cadets, U. S. M. A., 1882-1885.
- Hascall, Herbert Austin** (U. S. M. A., 1856). Died Oct. 14, 1890, aged 55. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1891. (A)
- Hascall, Gen. Milo S.** (of Indiana). Member of Board of Visitors to U. S. M. A., 1881.
- Haskin, Joseph Abel** (U. S. M. A., 1839). Died Aug. 3, 1874, aged 56. Obituary in Ann. Assoc. Grads. U. S. M. A., 1875.
- Hassler, Ferdinand Rudolf.** Professor of mathematics, U. S. M. A., 1807-1809.
- Hatch, Everard Rhos** (U. S. M. A., 1884). A story of West Point. In Gulf Messenger, vol. 9, No. 2, February, 1896, pp. 56-62.
- Water: Its pollution and purification. Jour. Mil. Serv. Inst., vol. 22, p. 495. (A)
- Hatch, F. W.** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1829.
- Hatch, John Porter** (U. S. M. A., 1845). Died Apr. 12, 1901, aged 79. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Hatch, William H.** (of Missouri). Member of Board of Visitors to U. S. M. A. in 1804.
- Hatfield, Charles Albert Phelps** (U. S. M. A., 1872). The evolution of cavalry. Jour. Mil. Serv. Inst., vol. 15, p. 89. (A)
- Tendency of evolution in the Army. Jour. Mil. Serv. Inst., vol. 21, p. 441. (A)
- Haupt, Herman** (U. S. M. A., 1835). General theory of bridge construction . . . 1 vol., O. 1851. (A)
- Member of Board of Visitors to U. S. M. A. in 1861.
- Photographs, illustrative of operations in construction and transportation, as used to facilitate the movements of the armies of the Rappahannock, of Virginia, and of the Potomac. 2 vols., O. obl. Boston, 1863. (A)
- Military bridges . . . including . . . designs for trestle and truss bridges for military railroads . . . New York, 1864. 1 vol., O. (A)
- Long distance transmission of power . . . 2d ed. 1 pam., O. [1895.] (A)
- Reminiscences, giving hitherto unpublished official orders, personal narratives of important military operations . . . with notes and a personal sketch by Frank Abial Flower. 111 . . . 1901. 1 vol., O. (A)

- Haupt, Herman.** Hints on bridge building.
— Plans for improvement of the Ohio River.
— Street railway motors.
- Haupt, Lewis Muhlenburg** (U. S. M. A., 1867).
Engineering specifications and contracts, 1878.
— Working drawings and how to make and use them . . . Philadelphia, 1881. 1 pam., bound. (A)
— The topographer, his instruments and methods. O., pp. 181. Ill. with numerous plates, maps, and engravings. New York, etc. 1883.
— Physical phenomena of harbor entrances. [Prize essay Amer. Phil. Soc.] 1887.
— Special report on railway plant of Paris Exposition. 1889.
— Canals and their economic relation to transportation. 1890.
— A move for better roads. 1891.
— A number of pamphlets and other contributions to engineering.
- Hawes, James Morrison** (U. S. M. A., 1845).
Died Nov. 22, 1889, aged 66. Photograph in Albums of officers' mess.
— Obituary in Ann. Assoc. Grads. U. S. M. A., 1890. (A)
- Hawkins, Hamilton Smith.** Commandant of cadets and instructor of tactics, U. S. M. A., 1888-1892.
— A manual of infantry drill. Jour. Mil. Serv. Inst., vol. 11, p. 353. (A)
— Comment on The three battalion organization. Jour. Mil. Serv. Inst., vol. 14, p. 1030. (A)
- Hawkins, John Parker** (U. S. M. A., 1852). Reports as Commissary-General U. S. Army, 1892-1894.
- Hawley, John B.** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1871.
- Hawley, Joseph R.** (of Connecticut). Member of Board of Visitors to U. S. M. A. in 1888, in 1890, and in 1898.
- Hay, James** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1901.
- Hay, William Henry** (U. S. M. A., 1886). Cavalry raids. Jour. Cav. Assoc., 1891, p. 362. (A)
- Hayes, W. S.** (of Alabama). Member of Board of Visitors to U. S. M. A. in 1832.
- Hayman, Samuel Brincklé** (U. S. M. A., 1842).
Died May 1, 1895, aged 75. Obituary in Ann. Assoc. Grads. U. S. M. A., 1895. (A)
- Haymond, Col. Henry** (of West Virginia). Member of Board of Visitors to U. S. M. A. in 1884.
- Haynes, Milton A.** (U. S. M. A., 1838). Editor of a law journal, 1814-45.
- Haya, Alexander** (U. S. M. A., 1844). Died May 5, 1864, aged 44. Engraving (by A. Robin) owned by Assoc. Grads. U. S. M. A.
- Hays, William** (U. S. M. A., 1849). Died Feb. 7, 1875, aged 56. Obituary in Ann. Assoc. Grads. U. S. M. A., 1875; Harper's New Monthly Mag., vol. 50 (1875), p. 923. (A)
- Hazen, William Babcock** (U. S. M. A., 1855). Died Jan. 16, 1887, aged 50. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
— Photograph in Albums of officers' mess.
- Hazen, William Babcock.** Obituary in Ann. Assoc. Grads. U. S. M. A., 1887. (A)
— In memoriam. In Eighteenth reunion of the Army of the Cumberland. Washington, D. C., May, 1887, p. 187. Cincinnati, 1888. (A)
— The school and the army in Germany and France, with a diary of siege life at Versailles . . . New York, 1872. 1 vol., O. (A)
— School and the Army. Harper's New Monthly Mag., vol. 45 (1872), p. 622.
— Our barren lands. The interior of the United States west of the one hundredth meridian and east of the Sierra Nevadas . . . Cincinnati, 1875. 1 vol., O. [In same vol.: (1) Some corrections of life on the plains; (2) The great middle region of the United States and its limited space of arable land. (A)
— Reports as Chief Signal Officer, U. S. Army, 1880-1887.
— Court-martial. T. J. Mackey. 1885.
— A narrative of military science. O. 1885. (A)
— Notes and comments. In North Amer. Rev., vol. 142, April, 1886.
— Some corrections on Life on the plains. [n. p., n. d.] 18 p. In War Dept. Library.
— Inspection of military posts, Department of the Platte, etc. No. 1289, doc. 45. (C)
— Utah Territory in 1896. [Initials erroneously given "M. B." in document.] No. 1302, doc. 75. (C)
- Hazleton, George H.** (of Michigan). Member of Board of Visitors to U. S. M. A. in 1850.
- Hazlett, Charles Edward** (U. S. M. A., 1861).
Died July 2, 1863, aged 25. Engraving owned by Assoc. Grads. U. S. M. A.
- Hazzard, Samuel Chrisman** (U. S. M. A., 1893).
Adjutant U. S. M. A. June 18, 1898, to Aug. 14, 1899.
- Heap, David Porter** (U. S. M. A., 1864). Project, plan, estimate, etc., for the improvement of St. Joseph Harbor, Mich. Rept. Chief of Eng., 1867, p. 104; 1874, vol. 1, p. 194. (C)
— Racine Harbor, Wis. Rept. Chief of Eng., 1867, p. 81. (C)
— Kenosha (Southport) Harbor, Wis. Rept. Chief of Eng., 1867, pp. 83, 84; 1868, p. 109. (C)
— New Buffalo Harbor, Mich. Rept. Chief of Eng., 1867, p. 102; 1868, pp. 118, 223; 1876, vol. 2, p. 452. (C)
— Calumet Harbor, Ill. Rept. Chief of Eng., 1870, pp. 105, 107; 1879, vol. 2, p. 441. (C)
— Michigan City Harbor, Ind. Rept. Chief of Eng., 1870, pp. 109, 110. (C)
— Savannah River and Harbor, Ga. Rept. Chief of Eng., 1873, p. 749. (C)
— Grand River below Grand Rapids, Mich. Rept. Chief of Eng., 1882, pp. 2311, 2312. (C)
— Machias River Channel, Me. Rept. Chief of Eng., 1895, p. 585. (A)
— Carvers Harbor, Me. Rept. Chief of Eng., 1895, p. 587. (A)
— Georges River, Me. Rept. Chief of Eng., 1895, p. 591. (A)

- Heap, David Porter. Project. plan, estimate, etc. for the improvement of Sasona River, Me. Rept. Chief of Eng., 1805, p. 503. (A)
- Harbor lines in Cape Fear River at Wilmington, N. C. Rept. Chief of Eng., 1806, p. 1148. (A)
- Bogue Inlet, N. C. Rept. Chief of Eng., 1807, pp. 1419, 1421. (A)
- Ocracoke Inlet, N. C. Rept. Chief of Eng., 1807, p. 1423. (A)
- Pamlico River, N. C. Rept. Chief of Eng., 1807, p. 1425. (A)
- Neuse River, N. C. Rept. Chief of Eng., 1807, p. 1428. (A)
- Town Creek, N. C. Rept. Chief of Eng., 1807, p. 1434. (A)
- Montana Territory, 1872. Topographical map.
- History of the application of the electric light to lighting the coasts of France. O., pp. 31. Washington, 1883.
- The Engineer Department, U. S. Army, at the Philadelphia International Exhibition of 1876. O., pp. 647, ill. Washington, 1884. (A)
- Report on the International Exhibition of Electricity held at Paris in 1881. O., pp. 287, ill. Washington, 1884.
- Electrical appliances of the present day. 1884.
- Ancient and modern light-houses. 1888.
- and Barlow, John Whitney (U. S. M. A., 1861). Yellowstone Lake and the valley of the Yellowstone River, sketch of the; route of. 1871. Topographical map.
- Reconnoissance of the Yellowstone River. No. 1479, doc. 66. (C)
- and Maguire, Edward (U. S. M. A., 1867). Dakota Territory, 1872. Topographical map.
- *See* Boards—Robert, 1. *See* Commissions—Heap. (A)
- Heard, John T. (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1859.
- Heath, Frank (U. S. M. A., 1868). Ammunition, fuses, primers, etc. *See* Ord. Mem., No. 21, 1878.
- Report of Cheyenne ordnance depot commanding officer, p. 115; Ramrod bayonet rifles, use in Department of the Platte, 1882, p. 116; Hunting knives satisfactory, except steel is too brittle, p. 116; Wiping rods, wooden, allowance should be increased, p. 116; Cartridge belt not adapted for carrying revolver and saber, p. 117; Carbine, socket should be altered, p. 118; Side lines, Comly No. 2, preferred in Department of the Platte, p. 119; Lariats, Cranston's safety blighting attachment for, p. 119; Targets and target materials, use in Department of the Platte, p. 119. Rept. Chief of Ord., 1882. (C)
- Shrapnel test of Hotchkiss 3.2-inch gun, p. 559; Shrapnel, greater elevation required for than for shell, p. 562. Rept. Chief of Ord., 1891. (C)
- Sandy Hook proving ground report of principal operations for 1892, p. 421; Firings made at Sandy Hook proving ground, with seacoast and other guns, 1892, p. 421; Description of barracks at Sandy Hook proving ground, p. 423; Description of office building at Sandy Hook proving ground, p. 423; Description of Gantry crane and runway at Sandy Hook proving ground, p. 424; Specifications for office buildings at Sandy Hook proving ground, p. 427; Specifications for barracks at Sandy Hook proving ground, p. 435; 3.2-inch B. L., effect of position of vent upon velocities and pressures in gun, p. 444; Trial of platform and equipment for 3.6-inch B. L. mortar, p. 458; Test of Merriam's base percussion, p. 483; 3.2-inch, Frankford Arsenal, test of shrapnel, p. 947. Rept. Chief of Ord., 1892. (C)
- Heath, Frank, Sandy Hook proving ground, report of principal operations, 1893, p. 381; Arrangement of firing butts for proof at Sandy Hook proving ground, p. 381; Improvements of wharf at Sandy Hook proving ground, p. 382; Sandy Hook proving ground, table of rounds fired from various guns and mortars, 1893, p. 383; Advantage of railroad transportation to Sandy Hook proving ground, p. 383; Electrically welded (American Projectile Company) firing tests of shrapnel, p. 544; Shrapnel, 3.2-inch, comparative results of electrically welded, Hotchkiss and Frankford Arsenal, p. 545. Rept. Chief of Ord., 1893. (C)
- Report of principal operations at Sandy Hook proving ground; Summary of tests of smokeless powders; Report of firings with Woodbridge 10-inch B. L. wire-wound rifle; Report of firings with 12-inch B. L. mortars to determine pitch of rifling; Accuracy trials of a worn 8-inch B. L. rifle. Rept. Chief of Ord., 1894. (C)
- Report of principal operations at the Sandy Hook proving ground. Rept. Chief of Ord., 1895. (C)
- Report of Principal operations at Sandy Hook proving ground; Report on range tables for 3.6-inch B. L. rifle; Report on smokeless powders. Rept. Chief of Ord., 1896. (C)
- Report of principal operations at the Sandy Hook proving ground; Report of tests of smokeless powders at Sandy Hook; Report of firing to determine the cone of dispersion of shrapnel with 3.2-inch rifle. Rept. Chief of Ord., 1897. (C)
- Report of principal operations of the Sandy Hook proving ground; Report on tests of powders; Report on tests of Jovite. Rept. Chief of Ord., 1898. (C)
- Summary of tests of smokeless powders at Sandy Hook proving ground; Report of principal operations at Sandy Hook proving ground; Tests of Gathmann system of projectiles and fuses for high explosives. Rept. Chief of Ord., 1899. (C)
- Report of principal operations at Frankford Arsenal. Rept. Chief of Ord., 1900. (C)
- Comment on Whistler's Graphic tables of fire. *Jonr. Mil. Serv. Inst.*, vol. 14, p. 345. (A)
- Report on cleaning and lackering artillery projectiles. *Ord. Note* 87, vol. 3, p. 708. (A)

- Heath, Frank.** Report on fouling by blank cartridges. Ord. Note 88, vol. 3, p. 710. (A)
- Henton, Robert C.** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1901.
- Hébert, Louis** (U. S. M. A., 1845). Died Jan. 7, 1901, aged 80. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Hébert, Paul Octave** (U. S. M. A., 1840). Died Aug. 20, 1880, aged 62. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Hein, Otto Louis** (U. S. M. A., 1850). Photograph in Albums of officers' mess.
- Commandant of cadets and instructor of tactics U. S. M. A., Mar. 23, 1867, to June 18, 1901.
- Instructions for outposts, advance guards, and reconnaissance. Fort Leavenworth, 1887. 1 vol., O., 95 pp. (A)
- The French cavalry, p. 100; Long distance rides, p. 222. Jour. Cav. Assoc., 1888. (A)
- Comment on Allen's Cavalry training. Jour. Mil. Serv. Inst. U. S., vol. 28, p. 460.
- Heintzelmann, Charles Stewart** (U. S. M. A., 1807). Died Feb. 27, 1881, aged 35. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Heintzelman, Samuel Peter** (U. S. M. A., 1826). Died May 1, 1880, aged 74. Portrait. Harper's New Monthly Mag., vol. 31 (1865), p. 31. (A)
- Engraving (by George E. Perine) owned by Assoc. Grads. U. S. M. A.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1880; Harper's New Monthly Mag., vol. 61 (1880), p. 317. (A)
- Obituary notice of, by J. W. De Peyster.
- Gen. Samuel P. Heintzelman. Biography. Harper's New Monthly Mag., vol. 31 (1865), p. 31, 1865. (A)
- General Heintzelman in the peninsular campaign, by Mary L. Heintzelman. Century Mag., vol. 30, p. 956.
- See U. S. Coast Survey Report, 1861, p. 49. (A)
- Heistand, Henry Olcott Sheldon** (U. S. M. A., 1878). Alaska and her gold fields. The Territory of Alaska . . . Kansas City, 1898. 1 vol., O. (A)
- Address at the banquet of the U. S. M. A., Centennial Association, Manila, P. I., June 11, 1902, in response to the toast "West Point" MS.
- Helm, Ben Hardin** (U. S. M. A., 1851). Died Sept. 21, 1863, aged 33. Engraving. Owned by Assoc. Grads. U. S. M. A.
- Henderson, John** (of Pennsylvania). Member of Board of Visitors, U. S. M. A., 1839.
- Hendricks, John** (of Indiana). Member of Board of Visitors to U. S. M. A. in 1850.
- Hendricks, William** (of Indiana). Member of Board of Visitors to U. S. M. A. in 1839.
- Henley, Austin** (U. S. M. A., 1872). Died July 11, 1878, aged 30. Obituary in Ann. Assoc. Grads. U. S. M. A., 1879. (A)
- Henry, Guy Vernon** (U. S. M. A., 1861). Died Oct. 27, 1890, aged 61. Portrait (oil painting by Irving T. Wiles). Presented by Seventh Regiment, N. G. S. N. Y., about 1890. In memorial hall, West Point.
- Henry, Guy Vernon.** Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Military record of civilian appointments in the U. S. Army . . . 2 vols., O. 1890-1873 (A)
- Target practice for soldiers. Ord. Note 340, vol. 12, pp. 5. Washington, 1884. (A)
- Comment on Bernard's marching and camping cavalry. Jour. U. S. Cav. Assoc., 1889, p. 166. (A)
- Remarks on Letter 16—Hohenlohe's, on Cavalry, p. 80; Notes on Review of Henry's Practical information for noncommissioned officers, p. 439. Jour. Cav. Assoc., 1890. (A)
- Cavalry instruction. Jour. Cav. Assoc., 1894, p. 292. (A)
- Army catechism for noncommissioned officers. (A)
- Henry, James M. Lake** (U. S. M. A., 1844). Died July 4, 1881, aged 61. Obituary in Ann. Assoc. Grads. U. S. M. A., 1882. (A)
- Henry, Mathis Winston** (U. S. M. A., 1861). Died Nov. 28, 1877, aged 39. Obituary in Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Henry, Patrick M.** (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1849.
- Henry, William Seton** (U. S. M. A., 1835). Died Mar. 5, 1881, aged 34. Campaign sketches of the war with Mexico . . . 1 vol., O. 1848. (A)
- Herbert, Alfred** (U. S. M. A., 1835). Died Feb. 12, 1894, aged 80. Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Hero, Andrew, Jr.** (U. S. M. A., 1891). Notes on European seacoast fortifications. Jour. U. S. Art., vol. 6, pp. 153, 305; vol. 7, p. 16.
- Review of Greely's Handbook of Arctic discoveries. Jour. U. S. Art., vol. 6, p. 402.
- Notice of Notes on year's naval progress, July, 1896, p. 137; Notice of Durassier's and Valentino's Aide-mémoire de marine, 1897, p. 262; Review of Bennett's. The steam navy of the United States, p. 265. Jour. U. S. Art., vol. 7, p. 265.
- Translation of The penetration of bullets of Portuguese rifle. Jour. U. S. Art., vol. 8, p. 98.
- Translation of The English armored cruiser *Prince George*. Jour. U. S. Art., vol. 9, p. 231.
- Review of Hill's Cuba and Porto Rico, with the other islands of the West Indies, p. 217; Translation of The new field artillery, p. 267; Translation of English armored cruisers, p. 305; Review of Garland's U. S. Grant: His life and character, p. 311. Translation of a review of Gossot's Mémoire sur les vibrations Élastiques et la résistance des canons, p. 314. Notice of Photographic mosaics, of Armor plate, Ballistic tests of armor plate as manufactured by the Carnegie Steel Company (Limited), p. 315; Notice of the Reprint of the squadron bulletin of the North Atlantic Squadron, with an introduction by Rear Admiral Sampson, p. 326. Jour. U. S. Art., vol. 10, p. 326.

- Hero, Andrew, jr.** Translation of Vallier's The law of pressure in guns. Jour. U. S. Art., vol. 13, p. 297.
- Ship building in Germany and the imperial German navy. Jour. U. S. Art., vol. 15, p. 147.
- Translation of Korrodi's Watervliet Arsenal. Jour. U. S. Art., vol. 16, p. 73.
- Translation of Collon's Commentaries on contemporaneous art of defense. Jour. U. S. Art., vol. 17, p. 120.
- Herr, Hiero Benjamin** (U. S. M. A., 1866). Photograph in Albums of officers' mess.
- Herrick, Edward** (of Pennsylvania). Member of Board of Visitors, U. S. M. A., 1836.
- Herron, Joseph Southerland** (U. S. M. A., 1895). Explorations in Alaska, 1899. See U. S. Department of War, Mil. Inf. Div., No. 31.
- Hersey, Mark Leslie** (U. S. M. A., 1887). Training of company cooks. Jour. Mil. Serv. Inst., vol. 21, p. 300. (A)
- Hess, Frank Watson.** The Military Academy and the education of officers. In Jour. Mil. Serv. Inst., U. S., vol. 17 (1895), p. 180. (A)
- Heth, Henry** (U. S. M. A., 1847). Died Sept. 27, 1899, aged 78. Obituary in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- A system of target practice . . . Philadelphia, 1888, 1 v., O. (A)
- Heth, John** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1836.
- Hetzel, Abner Riviere** (U. S. M. A., 1827). Died July 20, 1847, aged 42. Military laws of the United States. Washington, 1846. 1 vol., O., pp. 311. (A)
- Heuer, William Henry** (U. S. M. A., 1805). Project, plan, estimate, etc., for the improvement of Willamette and Columbia rivers. Rept. Chief of Eng., 1866, vol. 3, p. 36; 1866, vol. 4, pp. 328, 331. (C)
- Columbia (upper) and Snake rivers. Rept. Chief of Eng., 1866, vol. 4, p. 330; 1869, pp. 476, 477, 479. (C)
- Blossom Rock, Cal. Rept. Chief of Eng., 1867, pp. 51, 507; 1868, pp. 885, 886. (C)
- Crescent City Harbor, Cal. Rept. Chief of Eng., 1867, pp. 519, 518; 1893, p. 3309; 1895, p. 3340; 1900, p. 4262. (C)
- Pacific Coast Harbor of Refuge. Rept. Chief of Eng., 1867, p. 518. (C)
- San Diego Harbor, Cal. Rept. Chief of Eng., 1870, p. 515. (C)
- Willamette River (upper), Oreg. Rept. Chief of Eng., 1871, p. 909. (C)
- Sacramento and Feather rivers, Cal. Rept. Chief of Eng., 1871, p. 917. (C)
- Sabine Pass, Tex. Rept. Chief of Eng., 1882, pp. 1426, 1436, 1437; 1883, p. 1054. (C)
- Townshend Inlet and Corsons Sound, N. J. Rept. Chief of Eng., 1885, p. 800. (C)
- Atlantic City Harbor, N. J. Rept. Chief of Eng., 1885, pp. 862, 864. (C)
- Bayou Teche, canal connecting with Grand Lake at Charenton, La. Rept. Chief of Eng., 1885, p. 1399; 1886, pp. 125, 1260; 1887, pp. 1371, 1374. (C)
- Heuer, William Henry.** Project, plan, estimate, etc., for the improvement of Atchafalaya River, La. Rept. Chief of Eng., 1885, p. 1435. (C)
- Bayou Black, La. Rept. Chief of Eng., 1887, p. 1370. (C)
- Bayou Terrebonne, La. Rept. Chief of Eng., 1887, p. 1396. (C)
- Vermillion River, La. Rept. Chief of Eng., 1887, p. 1398. (C)
- Calcasieu River and Pass, La. Rept. Chief of Eng., 1887, pp. 1403, 1404. (C)
- Petaluma Creek, Cal. Rept. Chief of Eng., 1888, p. 2134. (C)
- Eel River, Cal. Rept. Chief of Eng., 1889, p. 2495. (C)
- harbor moorings at Fort Ross, Fisks Mill, Fish Rock, Shelter Cove, Trinidad, etc., Cal. Rept. Chief of Eng., 1889, p. 2498. (C)
- Mokelumne River, Cal. Rept. Chief of Eng., 1891, pp. 3135, 3136; 1892, p. 2651. (C)
- San Joaquin River, Cal. Rept. Chief of Eng., 1893, p. 3290; 1896, p. 3219. (A)
- Merced River, Cal. Rept. Chief of Eng., 1893, p. 3297. (A)
- Stanislaus River, Cal. Rept. Chief of Eng., 1893, p. 3302. (A)
- mouth of Navarro River, Cal. Rept. Chief of Eng., 1893, p. 3304. (A)
- Yaquina Bay, Oreg. Rept. Chief of Eng., 1893, p. 3315. (A)
- Feather River, Cal. Rept. Chief of Eng., 1895, p. 3325. (A)
- American River, Cal. Rept. Chief of Eng., 1895, p. 3325. (A)
- Georgiana River, Cal. Rept. Chief of Eng., 1895, p. 3328. (A)
- Mendocino Harbor, Cal. Rept. Chief of Eng., 1895, p. 3330. (A)
- Ohio River, Ohio. Rept. Chief of Eng., 1897, p. 2380. (A)
- Humboldt Harbor, Cal. Rept. Chief of Eng., 1900, p. 4237. (A)
- South San Francisco Harbor, Cal. Rept. Chief of Eng., 1900, p. 4248. (A)
- Suisun Creek, Cal. Rept. Chief of Eng., 1900, p. 4250. (A)
- Napa River, Cal. Rept. Chief of Eng., 1900, p. 4253. (A)
- Sonoma Creek, Cal. Rept. Chief of Eng., 1900, p. 4256. (A)
- San Francisco Harbor, Cal. Rept. Chief of Eng., 1900, p. 4258. (A)
- Oakland Harbor, Cal. Rept. Chief of Eng., 1901, pp. 3435, 3445. (A)
- San Joaquin River, Cal., and the waterway connecting the same with the Strait of Karquines. Rept. Chief of Eng., 1901, pp. 3450, 3452. (A)
- San Joaquin River, Cal., above the mouth of the Stanislaus River. Rept. Chief of Eng., 1901, p. 3454. (A)
- and Williamson, Robert Stockton (U. S. M. A., 1848). Report upon the Removal of Blossom Rock in San Francisco Harbor, Cal. Q. Washington, 1871.
- See Boards—Heuer; Benyaurd, 1, 2, 3; Craighill, 5; Mansfield, 4, 6; Marshall, 1; Men-

- dell, 5, 6, 8, 10, 11, 14, 15; Smith, 2; Suter, 4, 5, 6. See Commissions—Heap, 1; Mansfield, 1; Mendell, 1, 2; Smith 1; Stickney, 1, 2; Suter, S. (A)
- Hewitt, Augustine Francis** (U. S. M. A., 1879). Died June 3, 1882, aged 25. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1882. (A)
- Hewitt, Christian Cyrus** (U. S. M. A., 1874). History of the Nineteenth Regiment of Infantry. Hist. U. S. Army, pp. 657-665. (A)
- Hewson, Francis** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1853.
- Hibben, Ethelbert O.** (of Oregon). Member of Board of Visitors to U. S. M. A. in 1859.
- Hildt, John McLean** (U. S. M. A., 1850). Died Apr. 25, 1877, aged 41. Photograph *in* Albums of officers' mess. — Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- Hill, Ambrose Powell** (U. S. M. A., 1847). Died Apr. 2, 1865, aged 40. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A. — Statue (by Shepherd). In Richmond, Va. — Triangulation, Hudson River. U. S. Coast Survey Rept., 1859, pp. 39, 93. (A) — Charge of office, p. 116; Printing, pp. 119, 190; Printing report, pp. 232-317; Assistant, pp. 119, 192. U. S. Coast Survey Rept., 1857. (A) — Assistant in Coast Survey office. U. S. Coast Survey Rept., 1858, pp. 118, 155; 1860, p. 101. (A) — See U. S. Coast Survey Rept., 1861, p. 71. (A)
- Hill, Bennett Hoskin** (U. S. M. A., 1837). Died Mar. 24, 1886, aged 69. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- Hill, Daniel Harvey** (U. S. M. A., 1842). Died Sept. 25, 1889, aged 67. Engraving. Owned by Assoc. Grads. U. S. M. A. — Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1890. (A) — Author of various essays in the Southern Quarterly and Southern Presbyterian Reviews, 1850-1861. — Consideration of the Sermon on the Mount 1856. — Elements of algebra. 1858. — Crucifixion of Christ. 1860. — Editor of monthly magazine, Land We Love, at Charlotte, N. C., 1866-72, when it was merged into the Southern Magazine of Baltimore. — Memorial address on life and character, by A. C. Avery. Raleigh, N. C., 1893. 41 pp. In War Dept. Library. — Editor of a weekly newspaper, The Southern Home, at Charlotte, N. C. — The battle of Gaines's Mill, p. 204; McClellan's change of base, p. 447. Century Mag., vol. 30. —
- Hill, James Hoffman** (U. S. M. A., 1855). Died June 6, 1890, aged 57. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1890. (A)
- Hill, Joshua** (of Georgia). Member of Board of Visitors to U. S. M. A. in 1867.
- Hill, Richard Mason** (U. S. M. A., 1841). Died Mar. 25, 1876, aged 37. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1876. (A)
- Hill, Rowland Gardner** (U. S. M. A., 1881). Died May 2, 1898, aged 41. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1898. (A) — Received first honorable mention for the prize essay of the Military Service Institution for 1896. — The bicycle as a military machine. Jour. Mil. Serv. Inst., vol. 17, p. 312. (A) — The proper military instruction of officers. Jour. Mil. Serv. Inst., vol. 20, p. 453. (A)
- Hillhouse, John** (U. S. M. A., 1842). Died Mar. 29, 1882, aged 65. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1884. (A) — The redemption. [Poem.] 1867.
- Hillis, Gen. David B.** (of Iowa). Member of Board of Visitors to U. S. M. A. in 1877.
- Hinds, Ernest** (U. S. M. A., 1887). Report of operations of Light Battery F, Second Artillery, in Santiago campaign. Jour. U. S. Art., vol. 11, p. 184.
- Hine, Charles De Lano** (U. S. M. A., 1891). Post records. Jour. Mil. Serv. Inst., vol. 15, p. 531. (A)
- Hinman, Frederick Augustus** (U. S. M. A., 1867). Notes on military surveying. Essayons Club Papers, No. 21, 1872. (A) — Project, plan, estimate, etc., for the improvement of Currituck Sound, Coanok Bay, and North River Bar, N. C. Rept. Chief of Eng., 1885, pp. 86, 155. (C) — Norfolk Harbor, Va., and the approaches thereto. Rept. Chief of Eng., 1885, p. 1026. (C) — Perquimans River, N. C. Rept. Chief of Eng., 1885, p. 1045. (C) — Cashie River, N. C. Rept. Chief of Eng., 1885, pp. 1055, 1058. (C) — Nottoway River, Va. Rept. Chief of Eng., 1887, p. 988. (C) — Alligator River, N. C. Rept. Chief of Eng., 1887, p. 993. (C) — Nausemond River, Va. Rept. Chief of Eng., 1887, p. 1001; 1888, p. 98. (C) — bridge in Brunswick County, N. C. Rept. Chief of Eng., 1888, p. 2543. (C) — See Boards—Craighill, 6. (A)
- Hirst, Robert Lincoln** (U. S. M. A., 1886). Photograph *in* Albums of officers' mess.
- Hitchcock, Ethan Allen** (U. S. M. A., 1817). Died Aug. 5, 1870, aged 72. Engraving (by J. C. Battre) owned by Assoc. Grads. U. S. M. A. — Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1871. (A) — Commandant of cadets, U. S. M. A., 1829-1833. — Remarks upon alchemy and the alchemists. 1857. — Christ the Spirit. 1860. — The Red book of Appin. New York, 1856. 1 vol., O., pp. 298. (A) — and other fairy tales. 1863. — Appendix to the story of the Red book of Appin. New York, 1893. 1 vol., O., pp. 297. (A)

- Hitchcock, Ethan Allen.** Swedenborg a hermetic philosopher. New York, 1865. 1 vol., O., pp. 352. (A)
- Spenser's Colin Clouts explained, etc. 1865.
- Notes on the Vita Nuova and minor poems of Dante. . . . New York, 1866. 1 vol., O., pp. 377. (A)
- Remarks on the sonnets of Shakespeare.
- Hoadly, George** (of Ohio). Member of Board of Visitors to U. S. M. A. in 1885.
- Hoag, William Reddy** (U. S. M. A., 1871). Died Jan. 16, 1875, aged 27. Obituary in Ann. Assoc. Grads. U. S. M. A., 1875. (A)
- Hoar, George F.** (of Massachusetts). Member of Board of Visitors to West Point in 1874.
- Hobbs, Frank Emery** (U. S. M. A., 1878). 3.2-inch B. L., tests of steel used in field gun. Rept. Chief of Ord., 1876, p. 94. (C)
- Report on the manufacture of steel forgings, etc., by Midvale Steel Company. Rept. Chief of Ord., 1884, p. 415. (C)
- Steel, effect of pouring molten cast iron about a piece of oil tempered, p. 317; Rifles, 8, 10, 12, and 16 inch, steel forgings for, tables, p. 383; Midvale Steel Company, work done for Ordnance Department in 1885, p. 449. Rept. Chief of Ord., 1885. (C)
- Midvale Steel Company, report of inspection of ordnance for 1886, p. 325; Experimental trunnion hoop for rifle, 8-inch B. L., p. 346. Rept. Chief of Ord., 1886. (C)
- Midvale Steel Works, report of inspector; Test of forgings for rifle, 3.2-inch B. L. Rept. Chief of Ord., 1888, p. 62. (C)
- Manufacture of steel forgings at Bethlehem Iron Works. Rept. Chief of Ord., 1890, p. 350. (C)
- Progress report on manufacture of steel forgings at Bethlehem Iron Works. Rept. Chief of Ord., 1891, p. 352. (C)
- Platforms, etc., manufacture of, for 3.6-inch B. L. mortar carriage. Rept. Chief of Ord., 1893, p. 325. (C)
- Construction report of 10-inch B. L. wire Crozier gun. Rept. Chief of Ord., 1895.
- Report on manufacture of guns, carriages, projectiles, and ammunition. Rept. Chief of Ord., 1899.
- Report of principal operations in seacoast gun shop at Watervliet Arsenal; Report on manufacture of guns, carriages, projectiles, and ammunition. Rept. Chief of Ord., 1900.
- translator. The determination of some of the elements of solids of revolution, when the generating curve is given graphically. Notes Constr. Ord., No. 24, vol. 1, p. 1. (A)
- Experimental trunnion hoop for 8-inch steel B. L. rifle. Notes Constr. Ord., No. 39, vol. 2, p. 13. (A)
- The initial strains in a hollow steel forging cooled from the interior, compiled by. Ord. Const. Notes, No. 70.
- Hock, Ormentiz John Cadwalader** (U. S. M. A., 1878). Died June 5, 1883, aged 27. Obituary in Ann. Assoc. Grads. U. S. M. A., 1883. (A)
- Hodge, Rev. Charles** (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1872.
- Hodges, Harry Foot** (U. S. M. A., 1881). Photograph in Albums of officers' mess.
- Notes on military lock gates. O. 1892.
- Prof. Papers Corps of Eng., U. S. A., No. 26.**
- Project, plan, estimate, etc., for the improvement of Ohio River between Ludlow and Covington, Ky., and Cincinnati, Ohio; Chesapeake and Ohio Railway bridge to Cincinnati; Southern Railway bridge. Rept. Chief of Eng., 1893, p. 2524. (A)
- Little Miami River, Ohio. Rept. Chief of Eng., 1893, p. 2527. (A)
- Ohio River between Ironton, Ohio, and 3 miles along and up the Ohio east of the mouth of Guyan River, W. Va. Rept. Chief of Eng., 1893, p. 2529. (A)
- Raccoon River, Ohio. Rept. Chief of Eng., 1893, p. 2531. (A)
- Ohio River between Davis Island Dam and dams at or near the mouth of the Beaver River in Pennsylvania. Rept. Chief of Eng., 1893, p. 2534. (A)
- Allegheny River between the dam at Tarentum and Herr Island Dam, Pa. Rept. Chief of Eng., 1893, p. 2537. (A)
- Allegheny River at or near Tarentum, Pa. Rept. Chief of Eng., 1893, p. 2540. (A)
- Allegheny River from Olean, N. Y., to Warren, Pa. Rept. Chief of Eng., 1893, p. 2542. (A)
- Missouri River between Three Forks and Canyon Ferry, Mont. Rept. Chief of Eng., 1894, p. 1775. (A)
- Missouri River, Iowa. Rept. Chief of Eng., 1895, p. 2241. (A)
- Tongue River, Mont. Rept. Chief of Eng., 1895, p. 2243. (A)
- Elk River, W. Va. Rept. Chief of Eng., 1900, p. 3392. (A)
- Guyandot River, W. Va. Rept. Chief of Eng., 1900, p. 3396. (A)
- Big Sandy River, W. Va. and Ky. Rept. Chief of Eng., 1900, p. 3400; 1901, p. 2752. (A)
- Memoir, description of the steel gates of the 800-foot lock, St. Marys Falls canal, Mich. Rept. Chief of Eng., 1895, pp. 3028, 3034. (A)
- See Boards—Robert, 13. (A)
- Hodgson, Benjamin Hulbert** (U. S. M. A., 1870). Died June 25, 1876, aged 28. Obituary in Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- Hof, Samuel** (U. S. M. A., 1894). Adjutant U. S. M. A. May 12 to June 6, 1898.
- Hoffer, Jay Edgar** (U. S. M. A., 1892). Service of the 8-inch M. L. rifle mounted on a barbette carriage, model 1891, and 15-inch smooth bore, mounted on a front-pintle barbette carriage, new model, etc. West Point, 1897. 1 vol., O., 13 pp. (A)
- Hoffman, A. W.**, of New York. Member of Board of Visitors to U. S. M. A. in 1898.
- Hoffman, William** (U. S. M. A., 1829). Died Aug. 12, 1884, aged 76. Obituary in Ann. Assoc. Grads. U. S. M. A., 1885. (A)
- See Boards—Allen, 3. (A)
- Holabird, Samuel Beckley** (U. S. M. A., 1849). Photograph in Albums of officers' mess.

- Holabird, Samuel Beckley.** Adjutant U. S. M. A. Sept. 2, 1859, to May 13, 1861.
- Treatise on grand military operations. Translated from the French of General Jomini. 1865.
- Reconnaissance of Department of Dakota, 1869. No. 1440, doc. 8. (C)
- Reports as Quartermaster-General U. S. Army, 1883-1890.
- Transport of troops and supplies. In Chicago Exposition, 1893. Int. Cong. Eng., Oper. Div. Mil. Eng. Jour. Mil. Serv. Inst., vol. 15, p. 494.
- Army transportation in the United States. Ord. Note 189, vol. 6. (A)
- Desertion in the Army. Ord. Note, 232, vol. 7. (A)
- Some thoughts about the future of our Army. Ord. note 231, vol. 7. (A)
- Money and property accountability in the Quartermaster's Department. Ord. note 259, vol. 8. (A)
- Subjects for a military library. Ord. note 269, vol. 10. (A)
- Army clothing. Jour. Mil. Serv. Inst., vol. 2, p. 355. (A)
- Army wagon transportation Jour. Mil. Serv. Inst., vol. 3, p. 97. (A)
- Holbrook, —** (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1838.
- Holbrook, Willard Ames** (U. S. M. A., 1885). Proper relative proportions of three branches of the service. Jour. Cav. Assoc., 1891, p. 390. (A)
- Holden, Edward Singleton** (U. S. M. A., 1870). Crayon portrait in Washburn Observatory, University of Wisconsin, Madison; in president's office University of California, Berkeley; in Lick Observatory, Mount Hamilton, Cal.
- Member of Board of Visitors to U. S. M. A. in 1885.
- Assistant librarian U. S. M. A. from Nov. 1, 1901, to July 1, 1902; librarian from July 1, 1902, to —.
- Member of the Board of Visitors to the U. S. Naval Academy, June, 1896.
- Photograph in Albums of officers' mess.
- The orbit of the binary star Struve 1757. Essays Club Papers, No. 26, 1872. (A)
- The U. S. M. A. Suggestions. [Memorandum asked for by Professor Michie about 1872.] 1872. MS., 14 pp., Q (A)
- The Bastion system of fortification, its defects and their remedies. New York, 1872. O. (A)
- On the spectrum of lightning; Spectrum of the aurora. Amer. Jour. Sci., November, 1872.
- On a new arrangement of shutters for a dome for an equatorial telescope. Amer. Jour. Sci., 2d ser., pp. 375-377 (November, 1873). (A)
- On the adopted value of the sun's apparent diameter. Bull. Phil. Soc. of Washington, app. 1, pp. 3-9 (January, 1874). (A)
- On Sir William Herschel's observations of the satellites of Uranus. Bull. Phil. Soc. of Washington, vol. 1, app. 4, pp. 30-36 (June, 1874). (A)
- Holden, Edward Singleton.** Telescopic research on the nebula of Orion. Ill. Pop. Sci. Monthly, vol. 5, pp. 257-268 (July, 1874). (A)
- On the inner satellites of Uranus. Proc. Amer. Assoc., vol. 23, pp. 49-56 (August, 1874); Monthly Not. Roy. Astron. Soc., vol. 35, pp. 16-22 (November, 1874). (A)
- On the possible periodic changes of the sun's apparent diameter (by Newcomb and Holden). Amer. Jour. Sci., 3d ser., vol. 8, pp. 265-277 (October, 1874). (A)
- On the number of words used in speaking and writing. Bull. Phil. Soc. of Washington, vol. 2, app. 6, pp. 16-21 (January, 1875). (A)
- Drawing of the ring nebula in Lyra. Monthly Not. Roy. Astron. Soc., vol. 36, pp. 61-69 (December, 1875). (A)
- Progress of astronomy in 1876. Ann. Rec. Sci. and Ind., 1876, pp. 17-26. [NOTE.—This annual review of astronomy is continued in Professor Baird's Annual Record of Science and Industry for 1877 and 1878, and subsequently in the Smithsonian reports. (A)]
- Report upon the astronomical instruments of the loan collection of scientific instruments at the South Kensington Museum, 1876. Rept. Sec. Navy, 1876, pp. 289-314; No. 1748, doc. 1. (A)
- The horseshoe nebula in Sagittarius. Ill. Pop. Sci. Monthly, vol. 8, pp. 269-281 (January 1876). (A)
- On supposed changes in nebula M. 17. Amer. Jour. Sci., 3d ser., vol. 11, pp. 341-361 (May, 1876). (A)
- Comparison of the Washington observations of the satellite of Neptune with Newcomb's tables. Astron. Nachr., vol. 88, pp. 183-188 (July, 1876). (A)
- On reference catalogues of astronomical papers and memoirs. Bull. Phil. Soc. of Washington, vol. 2, pp. 95-101 (December, 1876). (A)
- Index-catalogue of books and memoirs relating to nebulae and clusters, etc. Washington, 1877. 9+109+(2) pp., O. Smithsonian Misc. Coll., vol. 14. (A)
- Observations of the satellites of Neptune and Uranus, and of the companion of Sirius. Astron. Nachr., vol. 90, p. 161 (July, 1877). (A)
- Observations of comets *a, b, c*, 1877. Astron. Nachr., vol. 90, pp. 167, 170, 331 (1877). (A)
- On the proper motion of the trifold nebula. Ill. Amer. Jour. Sci., 3d ser., vol. 14, pp. 433-458 (December, 1877). (A)
- Index-catalogue of books and memoirs on the transits of Mercury. Cambridge, 1878. 6 pp., O. Lib. Harv. Univ. Bibliog. Contrib., No. 1. (A)
- Note on the reticulated forms of the sun's surface. Amer. Jour. Sci., 3d ser., vol. 16, p. 346 (November, 1878). (A)
- Subject-index for the publications of observatories. Library Jour., vol. 3, p. 365 (December, 1878). (A)
- Catalogue of the library of the United States Naval Observatory. Pt. I, Astronomical

- bibliography. Washington, 1879. 10 pp., Q. (A)
- Holden, Edward Singleton. A subject-index to the publications of the United States Naval Observatory, 1845-1875. Washington, 1879. 74 pp., Q. Wash. Astron. Observ., 1879, app. 1.
- Reports of observatories, 1879. Smithsonian Rept., 1879, pp. 455-512.
- The cipher dispatches. Internat. Rev., vol. 6, pp. 405-421 (April, 1879).
- Astronomy for students and general readers (by Newcomb and Holden). 2d ed., ill. New York, 1880. 11-512 pp., O
- Note on a relation between the colors and magnitudes of the components of binary stars. Amer. Jour. Sci., 3d ser., vol. 19, pp. 467-472 (June, 1880).
- On the treatment of pamphlets in special libraries. Ill. Library Jour., vol. 5, p. 166 (June, 1880)
- On some of the consequences of the hypothesis recently proposed, that the intrinsic brilliancy of the fixed stars is the same for each star. Proc. Amer. Assoc., vol. 29, pp. 137-151 (August, 1880).
- Recent progress in astronomy. In North Amer. Rev., vol. 131 (October, 1880).
- Sir William Herschel: His life and works. New York, 1881. 6-238 pp. (por.), 12°. (A)
- Berlin, 1882. 12°. [Translation into German of the foregoing.]
- On the vocabularies of children under 2 years of age. Trans. Amer. Phil. Assoc., 1877, pp. 58-68. Hartford, Conn., 1878.
- Observations on infants. Trans. Amer. Phil. Soc., 1875-1877. Bull. Phil. Soc. of Washington, app. 6.
- A forgotten astronomer (E. P. Mason). Internat. Rev., vol. 10, p. 585.
- A synopsis of the scientific writings of Sir William Herschel (by Holden and Hastings). Washington, 1881. 114 pp., O From Smithsonian Rept., 1880.
- Reports of observatories, 1880. Washington, 1881. 126 pp., O. From Smithsonian Rept., 1880.
- An account of recent progress in astronomy (for the years 1879 and 1880). [NOTE:— Similar reviews will be found in the Smithsonian reports for 1881, 1882, 1883, and 1884.] Washington, 1881. 37 pp., O From Smithsonian Rept., 1880.
- Studies in Central American picture-writing. Ill. First Ann. Rept. Bureau Ethnol., Smithsonian Inst. pp. 207-245 (1881).
- Investigation of the objective and micrometers of the 26-inch equatorial constructed by Alvan Clark & Sons. Washington, 1881. 44 pp., Q. Wash. Astron. Observ., 1877, app. 1.
- The multiple star ϵ 748. Washington, 1881. 22 pp., Q. Wash. Astron. Observ., 1877, app. 2.
- List of red stars observed at the Washburn Observatory. Copernicus, vol. 1, p. 176 (1881).
- Observations on the light of telescopes used as night-glasses. Amer. Jour. Sci., 3d ser., vol. 22, pp. 129-131 (August, 1881).
- Holden, Edward Singleton. Observations of comet *b*, 1881 (1881, III), made at the Washburn Observatory. Ill. Amer. Jour. Sci., 3d ser., vol. 22, pp. 260-263 (October, 1881).
- Publications of the Washburn Observatory of the University of Wisconsin. Vols. 1, 2, 3, 4. Madison, 1882-1886. 4 vols., O.
- Monograph of the central parts of the nebula of Orion. Ill. Washington, 1882. 230 pp., Q. Wash. Astron. Observ., 1878, app. 1.
- Observations of the transit of Mercury, 1881, Nov. 7, at Mount Hamilton, Cal. Amer. Jour. Sci., 3d ser., vol. 23, p. 45 (January, 1882).
- On the inclination of the ring of Saturn to its orbit, deduced from Washington observations. Monthly Not. Roy. Astron. Soc., vol. 42, pp. 304-307 (April, 1882).
- Measures of the rings of Saturn in the years 1870, 1880, 1881, and 1882. Amer. Jour. Sci., 3d ser., vol. 23, pp. 387-394 (May, 1882).
- Figure of the nucleus of the bright comet of 1882 (1882, II). Ill. Amer. Jour. Sci., 3d ser., vol. 24, pp. 435 (December, 1882).
- Report of the eclipse expedition to Caroline Island, May, 1883. Mem. Nat. Acad. Sci., vol. 2, pp. 1-146 (1883), Q
- Observations of the transit of Venus, made at the Washburn Observatory (1882). Amer. Jour. Sci., 3d ser., vol. 25, pp. 71-74 (January, 1883).
- List of 23 new double stars discovered at Caroline Island (by E. S. Holden and C. S. Hastings). Science, vol. 2, p. 66 (July 20, 1883).
- Preliminary list of errata in Yarnall's catalogue of stars. Astron. Nachr., vol. 107, pp. 261-268 (October, 1883).
- A system of local warnings against tornadoes. Science, vol. 2, p. 521 (Oct. 19, 1883).
- Proper motion of Lacaille 8262. Astron. Nachr., vol. 107, p. 273 (October, 1883).
- The narrow belt on Saturn. Ill. Observatory, vol. 7, p. 74 (March, 1884).
- Statistics of stellar distribution derived from star-gauges and from the celestial charts of Peters, Watson, Chacornac, and Palisa. Observatory, vol. 7, pp. 249-256 (September, 1884).
- The Lick Observatory. Sid. Mess., vol. 3, pp. 301-303 (December, 1884). See also Overland Monthly, n. s., vol. 6, pp. 651-655 (December, 1885); Univ. Rev. (London), Feb. 15, 1889, ill.; Himmel und Erde (Berlin), ill., May and June, 1889; L'Astronomie, July and August, 1889 (2 papers); in a circular of the U. S. Bureau of Education relating to California; San Jose Mercury, Jan. 1, 1892; Blue and Gold, 1892; La Atmosfera, May, 1893; in "Santa Clara and its resources." [San Jose, 1895. Q.]
- Sketch of Prof. S. P. Langley. Pop. Sci. Monthly, vol. 27, pp. 401-409 (July, 1885).
- A catalogue of 1001 southern stars . . . [jointly with P. Hagen]. In Publ. Washburn observ., vol. 3, 1885, O.
- The personality of George Eliot. In N. Y. Nation, May, 1885, p. 400.
- Inaugural address of President Holden, June 30, 1886. Sacramento, Cal., 1886. O.

- Holden, Edward Singleton. Photographs, the servant of astronomy. *Overland Monthly*, November, 1886. O.
- Publications of the Lick Observatory. Vols. 1, 2, 3. Sacramento, 3 vols. O.
- Astronomy for high schools and colleges [jointly with Professor Newcomb]. New York, 1887. O.
- Hand-book of the Lick Observatory. San Francisco, June, 1888. 32 mo, pp. 135. 1st and 2d eds.
- Stellar photography. *Overland Monthly*, June, 1888.
- Note on earthquake intensity in San Francisco, 1808-1888. *Amer. Jour. Sci.*, June, 1888.
- Total solar eclipse of Jan. 1, 1889, in California. *Monthly Not. Roy. Astron. Soc.*, vol. 48.
- Occultation of 47 Libræ by Jupiter, June 9, 1888. *Astron. Jour.*, vol. 8, p. 64.
- The ring nebula in Lyra. *Monthly Not. Roy. Astron. Soc.*, vol. 48, p. 373.
- Regarding Sir W. Herschel's observations in the moon. *Observatory*, 1888, p. 334.
- List of recorded earthquakes in California, Lower California, Oregon, and Washington Territory [1769-1888]. Sacramento, 1887. [pp. 78]. O.
- Sidereal astronomy, old and new (two papers). *Century Mag.*, August and September, 1888.
- Occultation of a star (eleventh magnitude) by Mars. *Astron. Jour.*, vol. 8, p. 102.
- Observations of the lunar eclipse of July 22, 1888, at the Lick Observatory of the University of California. Communicated to the National Academy of Sciences (by all the astronomers). Printed in the report of the total solar eclipse of December, 1889.
- Suggestions for observing the total eclipse of the sun on Jan. 1, 1889. Sacramento, 1888. O.
- Hypothetical parallax of binary pairs. *Sid. Mess.*, October, 1888, p. 356.
- Physical observations of Mars during the opposition of 1888, at the Lick Observatory. *Astron. Jour.*, vol. 8, p. 97, pl.; *Jour. Liverp. Astron. Soc.*, vol. 7 (November, 1888), p. 7, pls.
- Saturn and his satellites. *Sid. Mess.*, January, 1889.
- Observations of nebulae at the Lick Observatory (by E. S. Holden and J. M. Schaeberle). *Monthly Not., Roy. Astron. Soc.*, vol. 48 (1888), p. 388.
- Earthquakes in California (1888). *Amer. Jour. Sci.*, May, 1889, p. 392.
- On the solar eclipse of Jan. 1, 1889. *Observatory*, March, 1889, p. 130; May, p. 221.
- On the photographs of the corona at the solar eclipse of Jan. 1, 1889. *Monthly Not., Roy. Astron. Soc.*, vol. 49, p. 343; *Naturwissenschaftliche Rundschau*, vol. 4, p. 481.
- Reported changes in the rings of Saturn. (Observations by E. S. Holden, J. M. Schaeberle, J. E. Keeler, E. E. Barnard.) *Astron. Jour.*, vol. 8, p. 180.
- Holden, Edward Singleton. The total eclipses of 1889. *Century Mag.*, 1891.
- Occultation of the planet Jupiter, as observed at the Lick Observatory, Mar. 23, 1889. (Observations by J. E. Keeler, E. E. Barnard, C. B. Hill, A. O. Leuschner.) *Sid. Mess.*, May, 1889, p. 221.
- Address before the Astronomical Society of the Pacific, on "The work of an astronomical society." *Pub. Astron. Soc. Pac.*, No. 2, Mar. 30, 1889.
- Reports on the observations of the total solar eclipse of Jan. 1, 1889. Published by the Lick Observatory, 1889. O.
- Great telescopes and their work. *Observatory*, March, 1888, p. 138.
- Recent discoveries in the nebulae by means of photography. *Scientific Amer.*, 1889.
- On the helical nebula. *Pub. Astron. Soc. Pac.*, No. 3, July 27, 1889; *Die Helikalischen Nebel, Himmel und Erde*, October, 1889.
- Astronomical photography (two papers). *Pacific Rev.*, September and October, 1889.
- Earthquakes and how to measure them. *Century Mag.*, vol. 47, p. 179.
- Drawings of Jupiter, made with the 20-inch equatorial at Washington in 1875. *Pub. Astron. Soc. Pac.*, No. 5, Nov. 30, 1889.
- What is the real shape of the spiral nebula? *Century Mag.*, January, 1890.
- Astronomical observations made with the great telescope since June, 1888. Communicated to the A. A. A. S., 1889. [Not printed.]
- On photographing and seeing stars in the daytime. *Astron. Jour.*, vol. 9, p. 73; [second note] *Astron. Jour.*, vol. 10, p. 72.
- Memorandum on the determination of the magnitudes of stars by means of photography. Communicated to the permanent committee of the International Astro-Photographic Congress, August, 1889, and printed in their bulletin (1890).
- The Lick Observatory expedition to observe the solar eclipse of Dec. 21, 1889. *Sid. Mess.*, October, 1889, p. 339.
- First annual report of the director of Lick Observatory to the president of the University of California, Sept. 1, 1888. MS. [Extracts printed as an appendix to report of the president, 1888.]
- Second annual report of director of Lick Observatory to the president of the University of California, Sept. 1, 1889.
- On some of the features of the arrangement of stars in space. *Monthly Not. Roy. Astron. Soc.*, vol. 50, p. 61.
- The photographic apparatus of the great equatorial of the Lick Observatory. *Monthly Not. Roy. Astron. Soc.*, vol. 50, p. 101.
- The rills of Hyginus, Ariadaens, etc., on the moon. *Observatory*, March, 1890, p. 109; *Pub. Astron. Soc. Pac.*, vol. 2, p. 14; *Sirius*, April, 1890, p. 73, pl.
- Review of Montessus' Central American earthquakes and volcanoes (1888). *Himmel und Erde*, vol. 2 (1890).

- Holden, Edward Singleton.** Astronomical photography at the Lick Observatory. Anthony's Internat. Photog. Bull., 1890; Pub. Astron. Soc. Pac., No. 9, vol. 2, p. 152.
- Report on the eclipse of Dec. 21, 1889. *In* Lick Observ. Eclipse Rept., p. 1.
- Address before the Astronomical Society of the Pacific, Mar. 29, 1890. Pub. Astron. Soc. Pac., vol. 2, p. 50.
- Photometry of the corona of Dec. 21, 1889. Pub. Astron. Soc. Pac., vol. 2, p. 69.
- Solar protuberances on the negatives of the eclipse of December, 1889. Jour. Ital. Spec. Soc., 1890, p. 95.
- Eclipse of Dec. 21, 1889. Pub. Astron. Soc. Pac., vol. 2, p. 93.
- Catalogue of the library of the Lick Observatory. *In* Eclipse Rept., December, 1889, p. 1.
- The following briefer notes (among others) have been printed in the notices from the Lick Observatory in the various numbers of the Publications of the Astronomical Society of the Pacific (of the dates below written): July 27, 1889—Photograph of the Davidson comet. Sept. 28, 1889—Photographing the Milky Way; Examination of stellar photographs; Note on the corona of Jan. 1, 1889; Zenographical fragments, etc.; The uses of trails of stars in measures of position or of brightness. Nov. 30, 1889—On the determination of the brightness of stars by means of photography; Rainfall on Mount Hamilton, 1889-1889. Jan. 25, 1890—Contributions of Raphael and of Albrecht Durer to astronomy; Programme for meridian observations of stars. Mar. 29, 1890—International Congress of Celestial Photography; Earthquake observations; Schiaparelli's discovery of the rotation period of Mercury. May 31, 1890—Indexes to scientific periodicals; Medal of the great comet of 1680; Comet observations at Mount Hamilton; New instruments for the Lick Observatory; Occultation of Mars, Apr. 8, 1890; Occultation of Japetus, Apr. 9, 1890. July 12, 1890—Notice of the life of Prof. F. Loomis; Notice of Professor Duner's memoir on the rotation of the sun; The square-shouldered aspect of Saturn; Bands on the planet Uranus. Sept. 13, 1890—Notice of Professor Schiaparelli's memoir on The rotation of the planet Venus. White spots on the terminator of Mars; Photographs of Venus and Mercury in daylight; Photographs of Alpha Lyrae in daylight.
- Third annual report of the director of the Lick Observatory, dated Sept. 1, 1890. *In* Rept. Pres. Univ. Cal., 1890.
- The red spot on Jupiter, Aug. 25, 1890. Jour. B. A. A., December, 1890, p. 157.
- Neue Spektroskopische Untersuchungen auf Mt. Hamilton. Himmel und Erde, vol. 3, p. 149.
- On the explanation of the dark transits of Jupiter's satellites; Note on the opposition of Mars, 1890; Relation between the colors and magnitudes of the binary stars; Notice concerning the miscellaneous stars observed with the Repsold meridian circle of the Lick Observatory; Death of Capt. R. S. Floyd, late president of the Lick trustees; Index to vols. 1 and 2 of the Publications of the Astronomical Society of the Pacific (printed at the end of vol. 2). Pub. Astron. Soc. Pac., No. 11.
- Holden, Edward Singleton.** Contributions from the Lick Observatory: A lunar landscape. Century Mag., July, 1891.
- An astronomer's voyage to fairyland. Overland Monthly, May, 1891.
- University extension in California. Book News, May, 1891, p. 370.
- The U. S. M. A. at West Point. Overland Monthly, July, 1891.
- Is Mars inhabited? N. Y. Herald (Europ. ed.), Sept. 30, 1890.
- The Moon. Youth's Comp., February, 1891.
- Circular letter (Apr. 22, 1891) relating to the transit of Mercury. [Sent to California newspapers.]
- Observations of Saturn at the Lick Observatory during 1891 with the 36-inch telescope. Jour. B. A. A., 1891.
- Color associations with numerals, etc. Nature, July, 1891, p. 223.
- Observations and drawings of Saturn, 1879-1889, p. 11; Review of Dr. Stumpe's paper on the motion of the solar system in space, printed in Astron. Nach., No. 2999, p. 42; Satellites of Mars, 1890, p. 46; Scientific expedition (by M. Janssen) to the summit of Mount Blanc, p. 50; Review of Dr. Ebert's paper on the ring-shaped mountains of the moon, p. 53; Comparison of some photographs and drawings of the nebula of Orion, p. 57; Moon negatives taken at the Lick Observatory, 1888 and 1890, p. 62; Negatives of Jupiter made at the Lick Observatory during 1890, p. 65 (*see also* Monthly Not. Roy. Astron. Soc., vol. 51, p. 402); Schmidt's drawings of Nebula Orionis, 1860-1875, compared with photographs, p. 68; The U. S. Naval Observatory, p. 74; Address of the president of the Astronomical Society of the Pacific, Mar. 28, 1891, p. 103; The observatory of Nice, p. 123; Artificial earthquake of Jan. 31, 1891, p. 132; Who discovered the optical properties of lenses? p. 133; Photograph of the nebula of Orion, with the great telescope, p. 141; Observations of the transit of Mercury, May 9, 1891, p. 225; Observations of the solar eclipse of June 6, 1891, p. 241; The Imperial Observatory of Vienna, p. 243; Examination of the Lick Observatory negatives of the moon, p. 249; Obituary notice of Dr. John Le Conte, p. 254; Observations of Jupiter, 1889-90, p. 263; The university observatory of Strassburg, p. 279; Observations of Uranus, 1889-91, p. 283; Observations of Uranus for the detection of new satellites, p. 285; Characteristic forms within the cluster in Hercules, p. 375. Pub. Astron. Soc. Pac., vol. 3.
- Catalogue of the library of the Lick Observatory. Sacramento, 1891. [pp. 121] O.
- Forest fires at Mount Hamilton (July and August), 1891. Californian, September, 1892;

- Pub. Astron. Soc. Pac., vol. 3, p. 292; vol. 4, p. 161. See *Neue Rille und Neuer Krater entdeckt auf den Mond* Photographien der Lick Sternwarte, Astron. Nach., No. 3055 (article by Professor Weinek, director of the Prague Observatory). See also Pub. Astron. Soc. Pac., vol. 3, pp. 252, 285.
- Holden, Edward Singleton. The lunar crater Copernicus. *Californian*, March, 1892; Pub. Astron. Soc. Pac., vol. 4, p. 114.
- Photographs of the moon. *Overland Monthly*, January, 1892.
- Astronomy (American Scientific Series)—briefer course [jointly with Professor Newcomb]. 5th ed. New York, 1892. O.
- California foxes. *Nature*, Nov. 3, 1891.
- Recent discoveries at the Lick Observatory. *San Francisco Examiner*, February, 1902.
- Negatives of Jupiter made with the great telescope of the Lick Observatory during 1891 (by Edward S. Holden and W. W. Campbell). *Monthly Not. Roy. Astron. Soc.*, vol. 52, p. 499.
- Popular astronomical observatories in America. New York Sun, Jan. 22, 1892; Eng. Mag., New York, March, 1902.
- List of earthquakes in California, etc., 1890 and 1891 (with the help of Dr. Henry Crew). *Bull. U. S. Geol. Survey*, 1892.
- Historical note relating to the search for the planet Neptune, in England in 1845, p. 21; the national observatory of the Argentine Republic, p. 25; The system of bright streaks on the moon, p. 81; The new star in Auriga, p. 84; Note on the early history of the Lick Observatory, p. 139; The national observatory of Paris, p. 151; Notes of a preliminary examination of photographs of Jupiter taken at the Lick Observatory in 1891 by A. S. Williams, F. R. A. S., p. 166; Photographic discovery of a new crater on the moon (negatives of the Lick Observatory) by Professor L. Weinek, p. 178; Powder explosion at West Berkeley, July 9, 1892, p. 187; Visual magnitudes of Nova Aurigæ, p. 257; Enlargements of Lick Observatory photographs of the moon, p. 257; Photographs of the phenomena which accompany the ingress of the shadows of the satellites of Jupiter, p. 260; The fifth satellite of Jupiter, p. 262. Pub. Astron. Soc. Pac., vol. 4.
- The new star of 1892, etc., *Californian*, April, 1892; *San Francisco Chronicle*, Feb. 12, 1892; *San Francisco Examiner*, Feb. 13, 1892.
- Nova Aurigæ. A. and A. P., March, 1892, p. 235.
- The nebula of Orion. *Overland Monthly*, April, 1892.
- Article "Lick Observatory." In Johnson's Univ. Cyclop.
- A graduate school of astronomy. *San Jose Mercury*, July 21, 1892.
- Mount Hamilton observations of Mars, 1892. A. and A. P., September, 1892, vol. 2.
- Opposition of Mars, 1892. Two telegrams to New York Herald, Aug. 3, 4, 1892.
- Holden, Edward Singleton. The new star of February, 1892, again observed at Mount Hamilton. Press telegram of Aug. 18, 1892.
- Double canals observed on Mars. Press telegram, Aug. 18, 1892.
- The exhibit of the Lick Observatory at the World's Fair, Chicago, etc. *San Jose Mercury*, Aug. 19, 1892.
- Note on the Mount Hamilton observations of Mars (June-August, 1892). A. and A. P., September, 1892.
- A correction (relating to Lick Observatory observations of Mars). Pub. Astron. Soc. Pac., No. 25.
- Theories of the planet Mars. *Forum*, November, 1892, p. 359.
- Letter regarding Professor Barnard's discovery of a fifth satellite of Jupiter. *Detroit Free Press*, October, 1892.
- Columbus the navigator. *San Francisco Call*, Oct. 21, 1892.
- A giant reflector for Mount Hamilton. *San Francisco Chronicle*, October, 1892.
- Regarding the announcement of Professor Barnard's discovery of a fifth satellite to Jupiter. Observatory, 1892, p. 452.
- Earthquakes in California in 1890 and 1891. Washington, 1892. O., 31 pp. U. S. Geol. Survey Bull., 95.
- Negatives of Jupiter made at the Lick Observatory, 1892-93. *Monthly Not. Roy. Astron. Soc.*, vol. 53, p. 445.
- Sketch of the history of astronomy in America, 1620-1893. *Forum*, August, 1893.
- What is evolution? *Overland Monthly*, March, 1893.
- Enlargements of Lick Observatory photographs of the moon by Baron Rothschild. Pub. Astron. Soc. Pac., vol. 5, p. 51.
- Screens to protect telescopes from wind tremors. A. and A. P., 1893.
- How to protect the individual against the newspaper. *Overland Monthly*, June, 1893.
- The new Dudley Observatory, p. 100; Alphabetical indexes to special libraries, p. 100. Pub. Astron. Soc. Pac., vol. 5.
- Tamerlane the Great (A. D. 1336-1405). *Overland Monthly*, 1893.
- Babar, Emperor of Hindustan (1452-1530). *Cosmopolitan*, June, 1893.
- The suicide of rattlesnakes. *Nature*, 1893.
- The history of the new star of 1892. *Forum*, 1893.
- The Lick Observatory eclipse expeditions of January, 1889, December, 1889, and of April, 1893. Pub. Astron. Soc. Pac., vol. 6, p. 245.
- On the eclipse comet of 1793 (Apr. 16). Astron. Nach., No. 3253.
- Ancient Arabian marriage customs. *Overland*, October, 1894.
- A brief account of the Lick Observatory. 2d ed. November, 1894. State printing office.
- The Mogul Emperors of Hindustan. N.Y., 1895. pp. 365. O.
- Transit of Mercury, Nov. 10, 1894. In *San Francisco newspapers*.

- Holden, Edward Singleton. St. Francis of Assisi. Overland, January, 1895.
- Mistakes about Mars. Cosmopolitan, March, 1894.
- On a general subject-index to periodical scientific literature. Science, May 10, 1895, p. 520.
- The latest news of Mars. North Amer. Rev., May, 1895, p. 639.
- The U. S. M. A. at West Point, and the education of officers. Jour. Mil. Serv. Inst. U. S., vol. 16 (May, 1895), p. 573.
- The U. S. M. A. Rept. U. S. Bureau of Ed., 1891-92, p. 797.
- A large reflector for the Lick Observatory. San Francisco papers, Apr. 5, 1895. Pub. Astron. Soc. Pac., 1895, p. 128; Astron. Nach., No. 3283; Science, vol. 1, p. 457, etc.
- A large reflecting telescope for the Lick Observatory. San Francisco Chronicle, Apr. 7, 1895.
- The Crossley reflector of the Lick Observatory. San Jose Mercury, Apr. 20, 1895.
- Report made to the joint committee of the regents on the organization and course of instruction in the department of astronomy, Apr. 15, 1895. Separately issued as an octavo pamphlet.
- Addendum to the above, June 11, 1895. Separately issued.
- Color associations with numerals, etc. 3d note. Science, May 24, 1895, p. 576.
- The meteor of July 27, 1894, p. 268; Bright projections at the terminator of Mars, p. 285; The eclipse comet of Apr. 16, 1893, p. 295; Enlargement of lunar photographs by Prof. W. Prinz, p. 296. Pub. Astron. Soc. Pac., 1894.
- Photographs of the sun at Mount Hamilton, p. 30; American astronomical journals, p. 59; Drawings of Mars (1894), p. 81; Teaching of astronomy in the University of California, p. 126; Earthquake shocks felt at sea off Cape Mendocino, p. 131; The Crossley reflector, pp. 197-201, 202, 205. Pub. Astron. Soc. Pac., 1895.
- Some extracts from a family Bible (1613-1745), p. 341; Early insurance of animals against lightning, p. 339, N. E. H. and G. Reg., vol. 49.
- The early history of New England towns. Univ. Cal. Mag., vol. 1, Nos. 5, 6.
- Eighth annual report of the director of the Lick Observatory to the president of the university, Sept. 1, 1895. (In Report of the secretary of the university for the year ending July 1, 1895, pp. 100-116.)
- Astronomical work in California. San Francisco Call, Dec. 25, 1895.
- Persian life and customs (review); Celibates (review). Overland Monthly, 1895.
- The meteor of July 27, 1894. Cont. Lick Observ., No. 5, 1895, O.
- Request to astronomers regarding ephemerides of comets, etc. Astron. Nach., No. 3321.
- If a foreign war should come? Univ. Cal. Mag., vol. 2, No. 1 (February, 1896).
- The value of large telescopes. San Francisco Chronicle, Jan. 23, 1896.
- Holden, Edward Singleton. A Rhode Island writ of 1747; Index to some Dorchester records; Abstract of a Dorchester deed, 1753. N. E. H. and G. Reg., 1896.
- Mountain observatories in America and Europe. Smithsonian Misc. Coll., No. 1035. Washington, 1896 [pp. 77], O.
- Note on the discovery of comet *a* (1899) by C. D. Perrine. San Francisco Chronicle, etc., February, 1896.
- The Lick Observatory expedition to observe the total solar eclipse of August, 1896, in Japan. Scientific Amer., 1896; Pub. Astron. Soc. Pac., vol. 8, p. 30.
- The National Academy of Sciences and the colleges in the United States. Science, Apr. 10, 1896.
- A piece of family silver: a Boston goldsmith of 1712. N. E. H. and G. Reg., vol. 50, p. 297.
- Sonya Kovalevsky (review), p. 349; The Herschels and modern astronomy (review), p. 349. Pub. Astron. Soc. Pac., vol. 7.
- The photography of planetoids (review), p. 23; Nomenclature of the asteroids, p. 28; Telegraphic announcement of astronomical discoveries, p. 64; Craters discovered on the Lick Observatory photographs of the moon, p. 90; Progress of work on the Crossley dome, p. 100; A cipher code for astronomical messages, p. 109; Observations of dark markings on Venus, 1889, p. 181; Memorandum on a proposed observatory atlas of the moon from negatives taken at Mount Hamilton, p. 187. Pub. Astron. Soc. Pac., vol. 8.
- A system of warning signals against tornadoes. St. Louis Globe-Dispatch, May 29, 1896.
- The total solar eclipse of Aug. 9, 1896. Chicago Tribune.
- Mountain observatories. McClure's Mag.
- The St. Louis tornado of May 27, 1896. Occident, Berkeley, vol. 31, No. 2.
- The centenary of the birth of James Lick, Aug. 25, 1796. San Jose Mercury, Aug. 23, 1896.
- The beginnings of American astronomy. Science, June 18, 1897.
- Life of Copernicus. In Best Lit., vol. 3, New York.
- Ninth annual report of the director of the Lick Observatory to the president of the University of California. (In the Report of the secretary of the University for the year ending July 1, 1896.)
- Memorials of W. C. Bond and of his son, G. P. Bond. San Francisco and New York, 1897. pp. 296. ill., O.
- A primer of heraldry for Americans. New York, 1893. pp. 105, ill., 129.
- Earth and sky. New York, 1898. pp. 116, ill.
- Stories of the great astronomers. New York, 1900. pp. 255, ill.
- The family of the sun. New York, 1899. pp. 252, ill.
- Our country's flag and the flags of foreign countries. New York, 1898. pp. 165, ill.

- Holden, Edward Singleton. [Pseud. Singleton.] The chronicles of Sir John Froissart. New York, 1900. pp. 235, ill.
- [pseud. Singleton.] Stories from the Arabian nights. New York, 1900. pp. 218, ill.
- Flowers from Persian gardens: Selections from the poems of Hafiz, Saadi, etc. New York, 1902. pp. 158.
- [Editor of] Publications of the Astronomical Society of the Pacific, from vol. 1 (1889) to vol. 9 (1897), inclusive. O.
- [Editor of] The young folks library. Boston, 1902. 20 vols., O.
- Elementary astronomy. New York, 1896. pp. 446, O.
- A catalogue of earthquakes on the Pacific Coast, 1709-1897. Washington, 1898. O., ii, 253 pp., 5 pls., 5 text figs. From Smithsonian Misc. Coll., vol. 37, No. 1687.
- The longevity of scientific men. Cosmopolitan, March, 1898; Science, Apr. 1, 1898.
- Earthquakes. Science, September, 1898.
- Three writers compared—Kipling, Siemkiewicz, Shakespeare. N. Y. Sun, May 6, 1900.
- The Baboo poet-laureate. N. Y. Sun, May 27, 1900.
- Americans and the climate. Atlantic Monthly, June, 1900.
- New light on Omar Khayyam. N. Y. Sun, June 3, 1900.
- What is a gentleman—a lady? [pseud. Singleton.] Cosmopolitan, August, 1900.
- Sonnet—Stockbridge. New England Mag., June, 1900.
- Christianity in China. N. Y. Sun, July 8, 1900. *See also* Our Constitution in China: How it came to be translated. N. Y. Sun, July 22, 1900.
- How to teach morals in the public schools. Cosmopolitan, October, 1900.
- Mr. Tesla and the universe. Science, Sept. 21, 1900.
- Essays in astronomy—edited with a critical introduction. New York, 1900. O., pp. 536, ill.
- Our race difference with the Hebrews. Atlantic Monthly, 1900.
- [Editor of supplement to Webster's International Dictionary, 1900.]
- Marco Polo's Adventures. Outing, October, 1900.
- Modern astrology and palmistry. Atlantic Monthly, May, 1901.
- A Chinese view point. [Review of 'China's only hope.'] N. Y. Commercial, Oct. 27, 1900.
- Future great telescopes. N. Y. Sun, Oct. 28, 1900.
- Art criticism. Churchman, Sept. 8, 1900.
- Science column in the N. Y. Sun, Sunday edition, weekly from Dec. 23, 1900, to July, 1903.
- American schooling. N. Y. Sun, Nov. 7, 1900.
- The November meteors. N. Y. Sun, Nov. 15, 1900.
- The Sun's corona. N. Y. Sun, Dec. 11, 1900.
- Holden, Edward Singleton. Orbits of revolving double stars. Scientific Amer., Jan. 26, 1901.
- What we know about Mars. McClure's Mag., March, 1901.
- A Chinese "Mother Goose." The Bookman, April, 1901.
- Biographical register of the officers and graduates of the U. S. M. A. at West Point, N. Y., since its establishment in 1802 by Bvt. Maj. Gen. George W. Cullum, Colonel of Engineers, U. S. Army, retired. Supplement, vol. 4, 1890-1900. Edited by Edward S. Holden, M. A., Sc. D., LL. D. Cambridge, 1901. O.
- Henry Augustus Rowland. N. Y. Sun, Apr. 20, 1901.
- Our scholarship (in America). N. Y. Sun, June 30, 1901.
- The U. S. M. A. N. Y. Sun, Aug. 4, 1901; June 22, 1902.
- West Pointers in history. N. Y. Sun, Aug. 11, 1901.
- The U. S. Naval Academy. Rept U. S. Com. Ed., 1898-99, pp. 747-750.
- The birth and death of the moon. Harper's Mag., August, 1901.
- Ballooning as a science and as a sport. Munsey's Mag., September, 1901.
- The radio-activity of matter; a new field for thought. N. Y. Sun, Sept. 22, 1901.
- Phenomenal memories. Harper's Mag., November, 1901.
- Friar Roger Bacon. Pop. Sci. Monthly, December, 1901.
- The adventures of Mr. William Mariner, captain's clerk, 1805-6. Outing, December, 1901.
- The sciences. A reading book for children. Boston, 1902. O.
- Life in a great observatory. Youth's Companion, January, 1902.
- [pseud. Edward Atherton.] The adventures of Marco Polo, the great traveler. New York, 1902. 1 vol., O., ill.
- The U. S. M. A., West Point: 1802-1902. [Sonnet, ill.] Cosmopolitan Mag., June, 1902, p. 192. *In* Outlook, July 5, 1902, p. 601.
- Edgar Allen Poe at West Point. N. Y. Sun, Oct. 1, 1902.
- Comets. *In* Ency. Brit., 10th ed. (1902). (A)
- Preliminary list of the portrait statues of famous Americans (arranged alphabetically). *In* N. Y. Sun, Mar. 1, 1903. (A)
- The Carnegie Institution. *In* Science, September, 1903.
- The renaissance of science. Pop. Sci. Monthly, November, 1903, pp. 5-25. (A)
- Early Hindu mathematics. 5 pp. *In* Pop. Sci. Monthly, vol. 3, p. 334.
- On the distribution of standard time in the United States. *In* Pop. Sci. Monthly, vol. 11, p. 174.
- Comment on The Military Academy, etc. Jour. Mil. Serv. Inst., vol. 16, p. 573.
- A new light on Balzac. Scribner's Mag., vol. 3, p. 76.

- Holden, Edward Singleton. The hieroglyphs of Central America. *Century Mag.*, vol. 23, p. 228.
- The three Herschels. *Century Mag.*, vol. 30, p. 178.
- Advisory editor of the Library of the world's best literature.
- Infantry Drill Regulations, U. S. A., 1776-1904. *A. & N. Jour.*, Jan. 16, 1904, p. 526.
- Holgate, Asa Hopkins (U. S. M. A., 1863). Died Sept. 11, 1880, aged 42. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1881. (A)
- Project, plan, estimate, etc., for the improvement of Bridgeport Harbor, Conn. Rept. Chief of Eng., 1869, p. 415. (C)
- Providence River, Harbor, etc., R. I. Rept. Chief of Eng., 1870, p. 459; 1871, p. 733. (C)
- See Boards.—Newton, 1. (A)
- Holland, — (of New York). Member of Board of Visitors to U. S. M. A. in 1838.
- Hollis, Magnus Olin (U. S. M. A., 1882). Died Nov. 15, 1899, aged 41. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Holmes, Samuel Nelson (U. S. M. A., 1873). Died Feb. 15, 1884, aged 36. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1884. (A)
- Holmes, Theophilus Hunter (U. S. M. A., 1829). Died June 20, 1880, aged 75. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1881. (A)
- Holstein, General (of New York). Member of Board of Visitors to U. S. M. A., in 1838.
- Holt, J. H. (of Mississippi). Member of Board of Visitors to U. S. M. A. in 1838.
- Holt, James (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1835.
- Holton, Frederick Duane (U. S. M. A., 1880). Died Sept. 18, 1890, aged 33. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1891. (A)
- Holtzbecker, George (of Delaware). Member of Board of Visitors to U. S. M. A. in 1854.
- Homer, William Bradford (U. S. M. A., 1870). Photograph in Albums of officers' mess.
- Honeycutt, John Thomas (U. S. M. A., 1874). Died Oct. 6, 1895, aged 48. Photograph in Albums of officers' mess.
- Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1899. (A)
- A reply to the report of board on sea-coast mortar fire. *Jour. U. S. Art.*, vol. 8, p. 142.
- Hood, John Bell (U. S. M. A., 1853). Died Aug. 30, 1879, aged 48. Engraving owned by Assoc. Grads. U. S. M. A.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1880; *Harper's New Monthly Mag.*, vol. 59 (1879), p. 956. (A)
- Advance and retreat. Personal experiences in the United States and Confederate States armies. . . New Orleans, 1880. 1 vol., 0. (A)
- Hooker, James. Member of Board of Visitors to U. S. M. A. in 1834.
- Hooker, Joseph (U. S. M. A., 1837). Died Oct. 31, 1879, aged 64. Portrait. *Harper's New Monthly Mag.*, vol. 31 (1865), p. 639; vol. 37 (1868), p. 2. (A)
- Hooker, Joseph. Portrait (by L. E. Faber) in memorial hall, U. S. M. A., 1903.
- (by H. B. Hall & Sons of New York) owned by Assoc. Grads. U. S. M. A.
- Equestrian statue (by D. C. French). In Boston, Mass. (erected in 1903). (A)
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1880; *Harper's New Monthly Mag.*, vol. 60 (1880), p. 316. (A)
- (by J. W. De Peyster). New York, 1881. Q., 207 pp.
- Adjutant U. S. M. A. July 1 to Oct. 3, 1841.
- Gen. Joseph Hooker (by W. F. G. Shanks). *Harper's New Monthly Mag.*, vol. 31 (1865), p. 639, por.
- In memoriam. In Twelfth reunion of the Army of the Cumberland, Toledo, Ohio, September, 1880, p. 151. Cincinnati, 1881. (A)
- Joseph Hooker and his troops at Lookout Mountain, with his military record (by D. Butterfield). New York, 1896. 48 pp.
- Hopkins, Edward Robie (U. S. M. A., 1860). Photograph in Albums of officers' mess.
- Hopkins, William Fenn (U. S. M. A., 1825). Acting professor of chemistry, mineralogy, and geology, U. S. M. A., 1827-1835.
- Hoppin, Curtis Bushrod (U. S. M. A., 1877). Emergency cases with the horse. *Jour. Cav. Assoc.*, 1897, p. 248. (A)
- Horn, Tieman Newell (U. S. M. A., 1891). Telescopic sights. *Jour. Mil. Serv. Inst.*, vol. 23, p. 241. (A)
- Range finding. *Jour. U. S. Art.*, vol. 6, p. 230.
- Horney, Odus Creamer (U. S. M. A., 1891). Report on extraordinary repairs of dikes and dams at Rock Island water power; Report on manufacture of saddletrees. Rept. Chief of Ord., 1897.
- Report on trials and tests of the Winchester rifle, caliber .30; Report on trials and tests of revolvers, caliber .38. Rept. Chief of Ord., 1899.
- Card system for property records and returns. Rept. Chief of Ord., 1900.
- Hosack, David (of New York). Member of Board of Visitors to U. S. M. A. in 1828.
- Hosmer, John Edward (U. S. M. A., 1865). Died July 13, 1870, aged 29. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1871. (A)
- Houghton, Dr. H. (of Iowa). Member of Board of Visitors to U. S. M. A. in 1849.
- Houghton, William (of Michigan). Member of Board of Visitors to U. S. M. A. in 1872.
- Houk, George W. (of Ohio). Member of Board of Visitors to U. S. M. A. in 1857 and in 1884.
- Houston, David Crawford (U. S. M. A., 1856). Died May 18, 1893, aged 57. Photograph in Albums of officers' mess.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1893. (A)
- Project, plan, estimate, etc., for the improvement of Thames River, Conn. Rept. Chief of Eng., 1866, vol. 4, p. 197; 1868, pp. 752, 753; 1873, p. 983. (C)

- Houston, David Crawford.** Project, plan, estimate, etc., for the improvement of Bridgeport Harbor, Conn. Rept. Chief of Eng., 1866, vol. 4, p. 201; 1869, p. 415. (C)
- Westport (Saugatuck) Harbor, Conn. Rept. Chief of Eng., 1867, pp. 44, 452. (C)
- Providence River, Harbor, etc., R. I. Rept. Chief of Eng., 1867, p. 448; 1868, pp. 67, 746; 1869, p. 408; 1870, p. 449. (C)
- Connecticut River. Rept. Chief of Eng., 1868, pp. 69, 67, 750, 755, 770, 784; 1869, pp. 57, 58, 400; 1870, pp. 74, 347. (C)
- Pawtucket (Seekonk) River, R. I. Rept. Chief of Eng., 1868, pp. 67, 749; 1870, p. 450. (C)
- New Buffalo Harbor, Mich. Rept. Chief of Eng., 1870, pp. 38, 68; 1871, pp. 36, 120; 1876, vol. 2, p. 453. (C)
- Eagle Harbor, Mich. Rept. Chief of Eng., 1870, p. 41. (C)
- Racine Harbor, Wis. Rept. Chief of Eng., 1870, p. 95; 1872, p. 127; 1873, p. 211; 1874, vol. 1, p. 153; 1876, vol. 1, p. 300; 1877, pp. 102, 871; 1879, p. 159. (C)
- Kenosha (Southport) Harbor, Wis. Rept. Chief of Eng., 1870, p. 90; 1872, p. 128; 1873, p. 212; 1874, vol. 1, p. 155; 1877, p. 874; 1879, p. 159; 1880, p. 1038. (C)
- Chicago Harbor, Ill. Rept. Chief of Eng., 1870, p. 90; 1872, pp. 33, 120; 1873, p. 214; 1874, p. 156. (C)
- Michigan City Harbor, Ind. Rept. Chief of Eng., 1870, p. 97. (C)
- Plymouth Beach and Harbor, Mass. Rept. Chief of Eng., 1870, pp. 457, 458. (C)
- Hyannis Harbor Breakwater, Mass. Rept. Chief of Eng., 1870, p. 460; 1872, p. 952. (C)
- Grand Marais Harbor, Mich. Rept. Chief of Eng., 1871, pp. 37, 130, 131, 136. (C)
- Duluth Harbor, Minn. Rept. Chief of Eng., 1871, p. 107; 1873, p. 135. (C)
- Menomonee Harbor, Mich. and Wis. Rept. Chief of Eng., 1871, p. 100; 1872, p. 115; 1874, vol. 1, p. 130; 1876, vol. 2, p. 330; 1879, p. 1484; 1884, p. 1835; 1889, p. 1652. (C)
- Two Rivers Harbor, Wis. Rept. Chief of Eng., 1871, p. 111; 1874, vol. 1, p. 144; 1875, vol. 1, p. 200; 1876, vol. 2, p. 394; 1880, pp. 1605, 1606. (C)
- Oconto River, Wis. Rept. Chief of Eng., 1871, p. 121. (C)
- Ahnapee Harbor, Wis. Rept. Chief of Eng., 1871, p. 125; 1872, p. 118; 1873, p. 200; 1874, vol. 1, p. 143; 1874, vol. 2, p. 351; 1879, vol. 2, p. 351. (C)
- Green Bay Harbor, Wis. Rept. Chief of Eng., 1872, pp. 31, 116; 1873, p. 198; 1874, vol. 1, pp. 38, 140, 141; 1875, vol. 1, p. 42. (C)
- Manitowee Harbor, Wis. Rept. Chief of Eng., 1872, p. 121; 1874, vol. 1, p. 149; 1879, p. 1516. (C)
- Sturgeon Bay Canal, Wis., harbor of refuge at entrance. Rept. Chief of Eng., 1872, pp. 171, 172; 1873, pp. 32, 199; 1874, vol. 1, pp. 141, 142, 144. (C)
- Houston, David Crawford.** Project, plan, estimate, etc., for the improvement of Sheboygan Harbor, Wis. Rept. Chief of Eng., 1873, pp. 33, 206. (C)
- Port Washington (Ozaukee) Harbor, Wis. Rept. Chief of Eng., 1873, p. 207; 1879, vol. 2, pp. 380, 381. (C)
- Waukegan Harbor, Ill. Rept. Chief of Eng., 1873, p. 248; 1880, pp. 1943, 1949; 1883, p. 1711; 1886, p. 1686; 1887, p. 2075. (C)
- Manistique Harbor, Mich. Rept. Chief of Eng., 1873, p. 255. (C)
- Fox and Wisconsin rivers. Rept. Chief of Eng., 1875, vol. 1, p. 218; 1876, vol. 2, pp. 398, 400, 401; 1878, p. 1170. (C)
- Wolf River, Wis. Rept. Chief of Eng., 1879, pp. 1550, 1552, 1553; 1880, pp. 1978, 1981. (C)
- Milwaukee Bay, Wis. Rept. Chief of Eng., 1881, pp. 2117, 2119, 2121, 2122. (C)
- Housatonic River, Conn. Rept. Chief of Eng., 1887, p. 608; 1891, p. 774; 1892, p. 681. (C)
- Peters Neck Bay, N. Y. Rept. Chief of Eng., 1887, p. 630. (C)
- Five Mile River Harbor, Conn. Rept. Chief of Eng., 1887, p. 641; 1889, p. 719; 1892, p. 697. (C)
- Duck Island Harbor, Conn. Rept. Chief of Eng., 1887, p. 642; 1891, p. 757. (C)
- Glen Cove Harbor, N. Y. Rept. Chief of Eng., 1887, p. 646; 1889, p. 728; 1892, p. 720. (C)
- Connecticut River, below Hartford, Conn. Rept. Chief of Eng., 1888, p. 532; 1889, pp. 614, 615; 1892, p. 650. (C)
- bridge at Stratford, Conn. Rept. Chief of Eng., 1888, p. 2612. (C)
- Norwalk Harbor, Conn. Rept. Chief of Eng., 1889, pp. 64, 707. (C)
- Fort Pond Harbor, Montauk, N. Y. Rept. Chief of Eng., 1889, p. 736. (C)
- New London Harbor, Conn. Rept. Chief of Eng., 1889, p. 745. (C)
- Mystic River, Conn. Rept. Chief of Eng., 1889, p. 747. (C)
- Port Jefferson Harbor, N. Y. Rept. Chief of Eng., 1889, p. 754; 1891, p. 815; 1892, p. 714. (C)
- Browns Creek, Sayville, N. Y. Rept. Chief of Eng., 1890, p. 673; 1892, p. 728. (C)
- Larchmont Harbor, N. Y. Rept. Chief of Eng., 1890, p. 678; 1891, p. 800; 1892, p. 705. (C)
- Wilson Point Harbor, Conn. Rept. Chief of Eng., 1891, p. 700. (C)
- Stony Creek River, Conn. Rept. Chief of Eng., 1891, p. 833. (C)
- Shaws Cove, New London Harbor, Conn. Rept. Chief of Eng., 1891, p. 834. (C)
- Westport Harbor, Mass. Rept. Chief of Eng., 1891, p. 842. (C)
- Mattituck Bay, N. J. Rept. Chief of Eng., 1891, p. 845. (C)
- Stamford Harbor, Conn. Rept. Chief of Eng., 1891, p. 849. (C)

- Houston, David Crawford. Project, plan, estimate, etc., for the improvement of Cos Cob (Miami) River, Conn. Rept. Chief of Eng., 1891, p. 855. (C)
- Peconic River, N. Y. Rept. Chief of Eng., 1891, p. 858. (C)
- Sag Harbor, N. Y. Rept. Chief of Eng., 1891, p. 861. (C)
- New York Harbor. Rept. Chief of Eng., 1892, pp. 460, 461. (C)
- Norwalk Harbor, Conn. Rept. Chief of Eng., 1893, p. 991. (A)
- Berrians Creek, Long Island, N. Y. Rept. Chief of Eng., 1893, p. 993. (A)
- Southold Harbor, Long Island, N. Y. Rept. Chief of Eng., 1893, p. 996. (A)
- Notes on the harbors of the Great Lakes, Essayons Club Papers, No. 25, 1872. (A)
- Method of sinking cribs. Washington, 1874.
- Photograph of a model of a wing dam for the improvement of the Wisconsin River. Model at Willets Point, N. Y.
- Report upon experiments made by Assistant W. H. Hearding upon the compressive power of pine and hemlock timber, under the direction of Maj. D. C. Houston.
- See Boards—Houston; Abbot, 4, 6, 10, 11, 16, 17, 18; Casey, 2, 3, 5, 6, 7, 8, 9, 12, 13; Comstock, 2, 3, 15; Craighill, 1, 22; Macomb, 10, 13, 14, 15, 16; Newton, 1; Poe, 1; Reynolds, 2; Stewart, 3; Tower, 18; Weitzel, 3. (A)
- Houston, David F. (of Texas). Member of Board of Visitors to U. S. M. A. in 1900.
- Houston, Samuel (of Texas). Member of Board of Visitors to U. S. M. A. in 1826.
- Hovey, A. G. (of Oregon). Member of Board of Visitors to U. S. M. A. in 1892.
- Howard, Douglas Alexander (U. S. M. A., 1878). Latch for B. L. rifles, theory of, translation, p. 236; Carriage proof for 10-inch B. L. steel and 8-inch rifle, construction report, p. 284. Rept. Chief of Ord., 1886. (C)
- Field guns, progress construction report on twenty 3.2-inch, p. 279; Projectiles report on band 8-inch and 10-inch, p. 345. Report Chief of Ord., 1887. (C)
- translator. Theoretical investigations relating to interior ballistics. Notes Constr. Ord. No. 42, vol. 2, p. 1. (A)
- Howard, Edwin Thomas (U. S. M. A., 1873). Died Mar. 12, 1896, aged 45. Obituary in Ann. Assoc. Grads. U. S. M. A., 1898. (A)
- Howard, Col. John K. (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1890.
- Howard, Oliver Otis (U. S. M. A., 1854). Portrait (oil painting). Presented by War Dept., 1875. In Cadet mess hall.
- Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Photograph in Albums of officers' mess.
- Bronze medallion. Washington, D. C.
- Twentieth Superintendent from Jan. 21, 1851, to Sept. 1, 1882. Reports as Supt. U. S. M. A., 1851-82.
- Howard, Oliver Otis. Reports as Commissioner of the Bureau of Refugees, Freedmen, and Abandoned Lands, 1865-1872.
- Gen. Oliver O. Howard, Biography. Harper's New Monthly Mag., vol. 35 (1897), p. 211. (A)
- Howard at Atlanta (by J. G. Whittier). Atlantic Monthly, vol. 23 (1869), p. 397.
- Proceedings, findings, and opinions of the court of inquiry . . . in the case of . . . Howard . . . Washington, 1874. 1 vol., O. (1) Review of the Judge-Advocate-General and order of the Secretary of War (1 pam., O., 1874); (2) Arguments of George W. Dyer and Asa Bird Gardner (1 pam., O., 1874). (A)
- Campaign and battle of Gettysburg, June and July, 1863. Atlantic Monthly, vol. 38, (1876), p. 48.
- The battles about Atlanta. Atlantic Monthly, vol. 38 (1876), pp. 358, 359.
- Donald's school days . . . Boston, 1878. 1 vol., O. (A)
- The true story of the Wallowa campaign. In North Amer. Rev., vol. 129, July, 1879.
- Nez Perce Joseph . . . 1 vol., O. 1881. (A)
- Holloway (L. C.): Howard, the Christian hero. New York, 1885. 1 vol., O., pp. 235. (A)
- Gettysburg thirty years after. In North Amer. Rev., vol. 152, February, 1891.
- General Taylor . . . New York, 1892. 1 vol., O. Part of Great commanders. (A)
- Isabella of Castile . . . Text ill. by F. A. Carter. New York, 1894. 1 vol., O. (A)
- The menace of "Coxeyism." In North Amer. Rev., vol. 158 (1894), p. 689.
- Fighting for humanity; or, Camp and quarter-deck . . . (War with Spain.) New York, 1898. 1 vol., O. (A)
- Henry in the war; or, The model volunteer . . . Boston, 1899. 1 vol., O. (A)
- Military problems in South Africa. In North Amer. Rev., vol. 170 (1900), p. 192.
- Comment on his article on Military and naval pensions. Jour. Mil. Serv. Inst., vol. 11, p. 100. (A)
- Review of Sherman's Personal memoirs, p. 671; Comment on Centralization in army affairs, p. 1013. Jour. Mil. Serv. Inst., vol. 12. (A)
- Life of Count de Gasparin. [Translated from the French.]
- Grant at Chattanooga. M. O. L. L. U. S., N. Y.
- Numerous magazine and review articles.
- Author of various books and articles.
- Howard, William A. (of Michigan). Member of Board of Visitors to U. S. M. A. in 1852.
- Howard, William Thomas (U. S. M. A., 1876). Died Sept. 3, 1888, aged 34. Obituary in Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Howe, Albion Parris (U. S. M. A., 1841). Died January 25, 1897, aged 79. Portrait (oil painting) by Frank W. Benson, 1891. Presented by his son, F. DeS. Howe, In Memorial hall, West Point.

- Howe, Albion Paris.** Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
 — Photograph in Albums of officers' mess.
 — Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1897. (A)
- Howe, Edgar Wellington** (U. S. M. A., 1878). The history of the class of '78. At the U. S. M. A., New York, 1881. 1 vol. O., 140 pp. (A)
- Howe, Myron Winslow** (U. S. M. A., 1875). Died June 16, 1879, aged 27. Obituary in Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Howe, Timothy O.** (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1874.
- Howell, Charles Wagoner** (U. S. M. A., 1863). Died Apr. 5, 1882, aged 41. Obituary in Ann. Assoc. Grads. U. S. M. A., 1882. (A)
 — Project, plan, estimate, etc., for the improvement of Missouri River. Rept. Chief of Eng., 1868, pp. 621, 624, 633. (C)
 — Western rivers. Rept. Chief of Eng., 1868, pp. 633, 821; 1869, pp. 310, 311. (C)
 — Bayou Teche, La. Rept. Chief of Eng., 1870, p. 349; 1873, pp. 350, 359. (C)
 — Galveston Harbor, Tex. Rept. Chief of Eng., 1871, pp. 518, 520, 521; 1874, pp. 732-736, 749; 1875, vol. 1, p. 866; 1878, p. 82, 1879, p. 912. (C)
 — Trinity River, Tex. Rept. Chief of Eng., 1871, p. 537; 1873, pp. 685, 686; 1878, pp. 81, 612; 1879, p. 910; 1880, p. 1238; 1887, p. 1422. (C)
 — Sabine River, Tex. Rept. Chief of Eng., 1871, p. 541; 1873, p. 681; 1878, p. 611; 1879, pp. 904, 905. (C)
 — Calcasieu Pass, La. Rept. Chief of Eng., 1871, p. 558; 1872, p. 61. (C)
 — Red River. Rept. Chief of Eng., 1872, p. 61; 1873, pp. 622, 624, 627, 628; 674, 675; 1874, vol. 1, pp. 73, 705, 710, 714, 715, 720, 904; 1875, vol. 1, pp. 69, 529, 904, 906; 1877, pp. 483, 484; 1879, p. 953. (C)
 — Cypress Bayou, Tex. and La. Rept. Chief of Eng., 1873, p. 622; 1880, pp. 1280, 1281, 1886, p. 299; 1887, pp. 1454, 1494. (C)
 — Tangipahoa River, La. Rept. Chief of Eng., 1873, p. 631; 1879, pp. 946, 949; 1886, p. 1241; 1888, p. 1245. (C)
 — Tchefuncte (Chefuncte) River, La. Rept. Chief of Eng., 1873, p. 633. (C)
 — Indianola Harbor (Passo Cavallo and Matagorda Bay), Tex. Rept. Chief of Eng., 1874, vol. 1, pp. 763, 764; 1877, pp. 499, 470. (C)
 — Matagorda Bay, Tex. Rept. Chief of Eng., 1874, vol. 1, pp. 763, 764; 1877, p. 469; 1880, pp. 1244, 1258. (C)
 — Mississippi River, at its mouth. Rept. Chief of Eng., 1874, vol. 1, pp. 781, 788, 825. (C)
 — Galveston Bay Ship-Channel, Tex. Report Chief of Eng., 1875, vol. 1, p. 873; 1876, vol. 1, p. 77; 1877, pp. 466, 497; 1878, pp. 83, 607; 1879, pp. 110, 918. (C)
 — Donaldsonville to the Rio Grande River. Rept. Chief of Eng., 1875, vol. 1, pp. 876-901. (C)
- Howell Charles Wagoner.** Project, plan, estimate, etc., for the improvement of Brazos River, Tex. Rept. Chief of Eng., 1875, vol. 1, pp. 938, 941; 1879, pp. 919, 944, 945; 1880, p. 1243. (C)
 — Cedar Bayou Bar (Galveston Bay), Tex. Rept. Chief of Eng., 1875, vol. 1, p. 942. (C)
 — Sabine Pass, Tex. Rept. Chief of Eng., 1875, vol. 1, p. 947; 1877, p. 78; 1878, p. 609; 1881, p. 198. (C)
 — Neches River, Tex. Rept. Chief of Eng., 1878, p. 84; 1879, p. 909; 1880, p. 1202. (C)
 — Pearl River, Miss., between Carthage and Jackson. Rept. Chief of Eng., 1879, pp. 878, 898, 900; 1887, p. 1336; 1891, p. 1707. (C)
 — Bayou La Fourche, La. Rept. Chief of Eng., 1879, p. 901; 1881, p. 196. (C)
 — Corpus Christi and Aransas Pass, Tex. Rept. Chief of Eng., 1879, pp. 930, 931, 932. (C)
 — Tickfaw River, La. Rept. Chief of Eng., 1880, pp. 1148, 1184; 1892, p. 1484. (C)
 — Pearl River, Miss., below Jackson. Rept. Chief of Eng., 1880, p. 1155; 1887, p. 1339. (C)
 — Amite River and Bayou Manchac, La. Rept. Chief of Eng., 1880, p. 1157; 1883, p. 1105; 1884, p. 210. (C)
 — Vermilion River, La. Rept. Chief of Eng., 1880, pp. 1157, 1165, 1166; 1883, p. 1177; 1887, p. 1308. (C)
 — Bayou Teche, canal connecting with Grand Lake at Charenton, La. Rept. Chief of Eng., 1880, pp. 1159, 1166, 1169, 1180; 1882, p. 1378; 1884, p. 1275; 1885, p. 1390; 1886, p. 1260. (C)
 — Bayou Courtableau, La. Rept. Chief of Eng., 1880, p. 1160. (C)
 — Tchefuncte River and Bogue Falia (Palaya), La. Rept. Chief of Eng., 1880, p. 1182. (C)
 — Calcasieu River and Pass, La. Rept. Chief of Eng., 1881, pp. 196, 1302. (C)
 — Bayou Black, La. Rept. Chief of Eng., 1881, pp. 1288, 1292; 1885, p. 1402; 1887, p. 1369. (C)
 — Little Lake, La. Rept. Chief of Eng., 1881, p. 1314. (C)
 — Barataria Bay, La., from New Orleans to Grand Pass. Rept. Chief of Eng., 1881, p. 1314. (C)
 — On Eads' jetties. Misc. Pamphlets, vol. 3.
 — and Woodruff, Eugene Augustus (U. S. M. A., 1866). Photographic views of Red River raft made in . . . 1873, . . . to accompany their annual report . . . 1873. (A)
 — See Boards—Barnard, 4; Tower, 5; Weitzel, 5, 6; Wright, 1. (A)
- Howell, George Pierce** (U. S. M. A., 1893). Project, plan, estimate, etc., for the improvement of Mississippi River. Rept. Chief of Eng. (supp.), 1902, p. 32. (A)
- Howell, Rezin Gist** (U. S. M. A., 1864). Died May 2, 1887, aged 45. Obituary in Ann. Assoc. Grads. U. S. M. A., 1887. (A)
- Howland, George Washington** (U. S. M. A., 1848). Died Dec. 21, 1880, aged 62. Obituary in Ann. Assoc. Grads. U. S. M. A., 1887. (A)

- Howze, A. C.** (of Alabama). Member of Board of Visitors to U. S. M. A. in 1902.
- Howze, Robert Lee** (U. S. M. A., 1868). Notes on horsemanship. *In* Man. Inst. for Cadets, U. S. M. A., No. 6. West Point, 1901. 1 vol. O. (A)
- Hoxie, Richard Leveridge** (U. S. M. A., 1868). Project, plan, estimate, etc., for the improvement of Clearwater Harbor, Fla. Rept. Chief of Eng., 1885, pp. 1325, 1325. (C)
- Oconee River, Ga. Rept. Chief of of Eng., 1888, p. 1332. (C)
- Flint River, Ga. Rept. Chief of Eng., 1887, pp. 1290, 1291. (C)
- Oostanaula and Coosawattee rivers, Ga. Rept. Chief of Eng., 1888, p. 1175. (C)
- bridges of the East Tennessee, Virginia and Georgia Railroad, above Hawkinsville and below Macon, Ga. Rept. Chief of Eng., 1888, p. 2552. (C)
- bridge at Dayton, Ga. Rept. Chief of Eng., 1888, p. 2552. (C)
- bridges near Geneva and below Newton, Ala. Rept. Chief of Eng., 1888, p. 2553. (C)
- Allegheny River, below Herr Island. Rept. Chief of Eng., 1894, p. 1921. (A)
- Tionesta River (creek), Pa. Rept. Chief of Eng., 1895, p. 2418. (A)
- Clarion River, Pa. Rept. Chief of Eng., 1895, p. 2208. (A)
- Allegheny River, Pa. Rept. Chief of Eng., 1896, p. 2212. (A)
- harbor lines at Pittsburgh, Pa. Rept. Chief of Eng., 1896, p. 2210. (A)
- St. Croix River, Me. Rept. Chief of E: g., 1897, p. 806. (A)
- Union River, Me. Rept. Chief of Eng., 1898, p. 810. (A)
- Bagaduce River, Me. Rept. Chief of Eng., 1898, p. 842. (A)
- Mississippi River, St. Paul to Minneapolis lock and dams. Rept. Chief of Eng., 1902, p. 1965. (A)
- Value of the improvements of the Monongahela Navigation Company on the Monongahela River, in Pennsylvania. Rept. Chief of Eng., 1896, p. 2143. (A)
- and Marshall, William Louis (U. S. M. A., 1849). Instructions for taking and recording meteorological observations, and for preserving and repairing the instruments prepared for the use of field and astronomical parties, etc. Washington, 1875. 1 pam., O. Explorations and Surveys. [Other title: U. S. Geog. Surveys west of the 100th meridian; Barometric hypsometry.] (A)
- See Boards—Adams, 1; Hains, 9.
- Hoxton, Llewellyn Griffith** (U. S. M. A., 1861). Died Feb. 12, 1891, aged 53. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Hoyle, Eli Du Bose** (U. S. M. A., 1875). Photograph *in* Albums of officers' mess.
- Hoyle, George Summers** (U. S. M. A., 1873). Recent discussions on horseshoeing. Jour. Cav. Assoc., 1890, p. 204. (A)
- Hoyle, George Summers**. Veterinary science for cavalry officers. Jour. Cav. Assoc., 1892, p. 27. (A)
- Grooming cavalry horses in winter. Jour. Cav. Assoc., 1896, p. 26. (A)
- Hoyt, Charles H.** Assistant Quartermaster U. S. M. A., July 1, 1880, to June 23, 1884.
- Hubbard, Elmer Wilcox** (U. S. M. A., 1885). Photograph *in* Albums of officers' mess.
- The Military Academy and the education of officers. *In* Jour. Mil. Serv. Inst., vol. 16, No. 73, pp. 1-23, January, 1895. (A)
- Translation of Fauconneau's Artillery of the future. Jour. U. S. Art., vol. 3, p. 640.
- Notice of Manual of field engineering for the use of officers and troops of the line. Jour. U. S. Art., vol. 4, p. 161.
- An improved method of hauling heavy guns. Jour. U. S. Art., vol. 7, p. 180.
- A sketch of the siege artillery train at Camp Rodgers, Tampa, Fla., during the summer of 1898, p. 147; Roller bearings for artillery, p. 272. Jour. U. S. Art., vol. 13.
- The organization, care, and service of a 16-mortar battery. Jour. U. S. Art., vol. 17, p. 235.
- The Military Academy. Jour. Mil. Serv. Inst., vol. 16, p. 1. (A)
- Hubbard, Oliver P.** (of New Hampshire). Member of Board of Visitors to U. S. M. A. in 1863.
- Hubert, Edgar** (U. S. M. A., 1880). Died Aug. 4, 1898, aged 41. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Hudson, Edward McK.** (U. S. M. A., 1849). Died July 20, 1892, aged 66. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Huey, James L.** (of Alabama). Member of Board of Visitors to U. S. M. A. in 1855.
- Huger, Benjamin** (U. S. M. A., 1825). Died Dec. 7, 1877, aged 72. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Triangulation, Kennebec and Sheepscot rivers, Me., pp. 31, 92; Cedar Keys, Fla., pp. 67, 98. U. S. Coast Survey Rept., 1856. (A)
- Triangulation of Booth Bay Harbor and Damariscotta River, Me., p. 41; of Florida coast, below St. Johns River, p. 82. U. S. Coast Survey Rept., 1858. (A)
- Triangulation of St. Augustine Harbor. U. S. Coast Survey Rept., 1859, p. 73. (A)
- Triangulation, near St. Augustine, Fla. U. S. Coast Survey Rept., 1860, p. 65. (A)
- See U. S. Coast Survey Rept., 1861, p. 51. (A)
- Huger, Frank** (U. S. M. A., 1860). Died June 10, 1897, aged 60. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Hughes, William Burton** (U. S. M. A., 1856). Died Sept. 22, 1896, aged 64. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1897. (A)
- Hull, John A. T.** (of Iowa). Member of Board of Visitors to U. S. M. A. in 1892 and in 1898.
- Humphreys, Andrew Atkinson** (U. S. M. A., 1831). Died Dec. 27, 1883, aged 73. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.

- Humphreys, Andrew Atkinson.** Obituary in Ann. Assoc. Grads. U. S. M. A., 1884; Harper's New Monthly Mag., vol. 68 (1884), p. 950; in Biog. Mem. Nat. Acad. Sci., vol. 2, p. 201. (A)
- Sketch by H. L. Carson. Philadelphia, 1884. In War Dept. Library.
- Memoir of (by H. L. Abbott). 1885. In War Dept. Library.
- (by J. Watts de Peyster). 1886. In War Dept. Library.
- Takes charge of, and reorganizes office, U. S. Coast Survey Rept., 1844, p. 17. (A)
- Office services, p. 29; Compares base apparatus, p. 25. U. S. Coast Survey Rept., 1845. (A)
- Verification of field work, p. 17; Potomac reconnaissance, p. 19; Office services, p. 34. U. S. Coast Survey Rept., 1846. (A)
- Verifications, sec. 3, pp. 29, 47; Office services, pp. 40, 47. U. S. Coast Survey Rept., 1847. (A)
- Verification, Boston topography, p. 25; Office services, p. 54. U. S. Coast Survey Rept., 1848. (A)
- Verification, topography sec. 1, p. 22; Office services, bad health, relieved from office, p. 54. U. S. Coast Survey Rept., 1849. (A)
- Triangulation sec. 4, pp. 29, 30; Relieved from Coast Survey, recommended for brevet, p. 53. U. S. Coast Survey Rept., 1850. (A)
- Brevet recommended. U. S. Coast Survey Rept., 1851, p. 18; 1853, p. 14. (A)
- Office services. U. S. Coast Survey Rept., 1855, pp. 19-20. (A)
- Report on progress of Pacific railroad survey. In Rept. Sec. War, 1855, p. 99, No. 841, doc. 1; 1856, p. 203, No. 876, doc. 5; 1856, p. 203, No. 894, doc. 1. (C)
- Letter to Hon. William M. Gwin, U. S. Senator, in reply to communication from "A citizen of Arkansas," respecting the two routes for a railroad to the Pacific (etc.). Washington, 1858.
- Annual report of Topographical Engineers, in charge of Office of Explorations and Surveys, War Dept., December, 1858. Washington, 1859. O. Explorations and Surveys.
- Member of a commission to examine into the organization, discipline, and instruction at U. S. M. A. Report in Senate Misc. Doc. No. 3, 36th Cong., 2d sess., Dec. 13, 1860, 350 pp. (C)
- Reports as the Chief of Engineers, 1860-1879.
- Project, plan, estimate, etc., for the improvement of Mississippi River, between Cairo and mouth. Rept. Chief of Engineers, 1869, pp. 335, 344; 1872, p. 438; 1874, vol. 1, pp. 392, 564, 574. (C)
- Mississippi River to the Gulf. Rept. Chief of Eng., 1876, vol. 1, pp. 508-511. (C)
- A paper on the relations of the Engineer Department to the Army, and on the sixty-third article of war. Washington, 1890.
- Address on the military services of the late Maj.-Gen. George Gordon Meade, U. S. Army, made at the Meade memorial meeting of the citizens of Philadelphia, Nov. 18, 1872, Washington, 1872.
- Humphreys, Andrew Atkinson.** Remarks upon so much of the proposed Revised Statutes of the United States, "Title XIV, The Army," as affects the legal status of the Corps of Engineers. Washington, 1873.
- Letter from the Chief of Engineers to the Secretary of War, containing a historical sketch of the Corps of Engineers. Washington, 1876, 1 vol., O., pp. 43. (A)
- From Gettysburg to the Rapidan—July, 1863, to April 1864. 129, pp. 86, maps 3. New York, 1883.
- Virginia campaign of 1864 and 1865. The Army of the Potomac and the Army of the James. Campaigns of the civil war, vol. 12. New York, 1883.
- At Malvern Hill, July 1, 1862, and Fredericksburg, Dec. 13, 1862 (by Col. C. McClellan), 1888. In War Dept. Library.
- At Fredericksburg, Dec. 13, 1862, and Farmville, Apr. 2, 1865 (by H. H. Humphreys). Chicago, 1866. In War Dept. Library.
- and Abbot, Henry Larcom (U. S. M. A., 1854). Report upon the physics and hydraulics of the Mississippi River; upon the protection of the alluvial region against overflow, and upon the deepening of the mouths. Prof. Papers, Corps of Eng. U. S. A., No. 13. Philadelphia, 1861. Q. (A)
- Physics and hydraulics of the Mississippi River, chapters 2, 6, and 7. Washington, 1867.
- Physics and hydraulics of the Mississippi. . . . Reply to criticisms made by Dr. Hagen, director general of public works, Prussia. New York, 1878. 1 vol., O., pp. 8. Misc. Pamphlets, vol. 3. (A)
- and Warren, Gouverneur Kemble (U. S. M. A., 1850). Examination of the various routes [for railways]. In Reports of explorations . . . for a railroad from the Mississippi River to the Pacific Ocean, 1853-1855, vol. 1. (A)
- An examination of the Reports of explorations for railroad routes from the Mississippi to the Pacific, made under the orders of the War Department in 1853, 1854 (etc.). Pacific R. R. Repts., vol. 1.
- Gettysburg, battlefield of, July 1, 2, and 3, 1863, sheets 1, 2, and 3.
- and others. Report of the board on the improvements of the harbors of Washington and Georgetown, D. C. Plans, O., pp. 17. Washington, 1872.
- See Whipple, Amiel Weeks (U. S. M. A., 1841). Vol. 3. (A)
- See U. S. Coast Survey Rept., 1861, p. 62. (A)
- See Boards—Humphreys. See Commissions—Humphreys. (A)
- Hun, Leonard Gansevoort** (U. S. M. A., 1860). Died Mar. 11, 1891, aged 43. Obituary in Ann. Assoc. Grads. U. S. M. A., 1891. (A)
- Hunt, Edward Bissell** (U. S. M. A., 1845). Died Oct. 2, 1893, aged 41. Obituary in Biog. Mem. Nat. Acad. Sci., vol. 3, p. 29.

- Hunt, Edward Bissell.** Contributor of numerous and elaborate articles to the various literary and scientific periodicals of the country. 1845-1863.
- Remarks on terrestrial thermotics. *Proc. A. A. S.*, 1849.
 - In charge of report printing, p. 57, 108, 110. Office agent in New York, p. 110. *U. S. Coast Survey Rept.*, 1852. (A)
 - In charge of engraving division, p. 82; Report of engraving operations, pp. 60-61; Lithographic duty, Crystal palace, p. 87; Notes on lithography and lithographic transfer, app. 39, pp. 90-93; Aligning reflector or inter-ranger, Hunt's, app. 37, pp. 93-94; Self-registering tide gauge, 1 Saxton's description, app. 38, pp. 94-96; Notes on map projections, pp. 96-102; Alphabetical index of Coast Survey Reports for 1851, 1852, and 1853. *U. S. Coast Survey Rept.*, 1853. (A)
 - On cohesion of fluids, evaporation, and steam-boiler explosions; Project of a geographical department of the Library of Congress. *Proc. A. A. S.*, 1853. (A)
 - Description of coast survey base apparatus, pp. 13, *103-*108; Charge of printing report, sketches, p. 91; Report on engraving in Coast Survey, its history, methods, varieties, prospects, etc., pp. 16, *201, *212; List of discoveries and developments, pp. *14-*17; Ten years' alphabetical index and index of sketches, pp. 17, *230-*285. *U. S. Coast Survey Rept.*, 1854. (A)
 - The *U. S. Coast Survey*. Its history, objects, organization, methods, and results. [From *Putnam's Monthly*, November, 1855.] New York, 1855. 1 vol., O., pp. 14. (A)
 - Index of papers for coast survey, p. 18; Ten years' index, pp. 18-19; Duties, p. 104. *U. S. Coast Survey Rept.*, 1855. (A)
 - On our sense of the vertical and horizontal, and on our perception of distance; On an index of papers on subjects of mathematical and physical science; On the use of salt marsh soda in fortifications for facing the steep slopes of parapets, terraces, etc. *Proc. A. A. S.*, 1855. (A)
 - On an index of reference to memoirs and papers on subjects related to the Coast Survey operations. *U. S. Coast Survey Rept.*, 1856, pp. 18, 91, 325, 330; On systematizing the abbreviations of titles of periodicals, transactions, etc. *Repts. U. S. Coast Survey*, 1856, 1857. (A)
 - Sounding apparatus, pp. 34, 135; Notes on, and Temple's report, pp. 298-402; tested, p. 51; Index of scientific references, p. 35, app. 36, pp. 354-358; Report on the preparation of an index of scientific references, pp. 404, 405; Discussion of ditto, pp. 496-412; On systematizing abbreviations, pp. 412-414. *U. S. Coast Survey Rept.*, 1857. (A)
 - On the idea of physical and metaphysical infinity; Views and suggestions on the practice and theory of scientific publication. *Proc. A. A. S.*, 1857. (A)
- Hunt, Edward Bissell.** Dynamics of ocean currents, app. 31, pp. 213-216; On some anomalies in the Florida Gulf Stream, and on their further investigation. *Rept. U. S. Coast Survey*, 1858. (A)
- Modern warfare, its science and art. *In New Englander*, November, 1860, pp. 908-29. (A)
 - On corals, pp. 18, 241-248; Florida Reef: Its origin, growth, substructure, and chronology, app. 30, pp. 268-430. *U. S. Coast Survey Rept.*, 1862. (A)
 - Examination of shore line, New Haven, Conn., p. 29; Titles of his scientific papers, p. 207. *U. S. Coast Survey Rept.*, 1863. (A)
 - Union foundations. . . 1 pam., P. 1863. (A)
 - Index of scientific subjects, p. 39; Apparatus for sounding and levelling, pp. 39, 40, 247, 248; Remarks on ocean dynamics, pp. 38, 213-216; On anomalies of the Gulf Stream current, pp. 217-222. *U. S. Coast Survey Rept.*, (A)
 - See *U. S. Coast Survey Rept.*, 1860, p. 341. (A)
- Hunt, Franklin Eyre** (*U. S. M. A.*, 1829.) Died Feb. 2, 1881, aged 72. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1881. (A)
- Hunt, Henry** (of District of Columbia). Member of Board of Visitors to *U. S. M. A.* in 1837.
- Hunt, Henry Jackson** (*U. S. M. A.*, 1839. Died Feb. 11, 1880, aged 69. Engraving (by A. H. Ritchie) owned by Assoc. Grads. *U. S. M. A.*
- *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1889. (A)
 - Biographical sketch, 1819-1889 (by David Fitz Gerald). *In War Dept. Library.*
 - Comment on An antiquated artillery organization. *Jour. Mil. Serv. Inst.*, vol. 17, p. 443. (A)
 - Instructions for field artillery.
- Hunt, Lewis Cass** (*U. S. M. A.*, 1847.) Died Sept. 6, 1880, aged 63. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1887. (A)
- Hunt, Memucan** (of Texas). Member of Board of Visitors to *U. S. M. A.* in 1852.
- Hunter, Alfred Milton** (*U. S. M. A.*, 1887). Range table for 10-inch B. L. rifle. *Jour. U. S. Art.*, vol. 7, p. 254.
- and Landon, Edwin (*U. S. M. A.*, 1896). Manual for 12-inch B. L. rifle, mounted on barbette carriage in an emplacement provided with ammunition lifts. *Jour. U. S. Art.*, vol. 15, p. 204.
- Hunter, Charles Hodge** (*U. S. M. A.*, 1880). Translation of Billardon's Temperature developed in firearms by firing. *Jour. U. S. Art.*, vol. 11, p. 281.
- Artillery school methods. *Jour. Mil. Serv. Inst.*, vol. 12, p. 23. (A)
- Hunter, David** (*U. S. M. A.*, 1822.) Died Feb. 2, 1886, aged 84. Engraving (by J. C. Buttrey) owned by Assoc. Grads. *U. S. M. A.*
- *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1886; *Harper's New Monthly Mag.*, vol. 72 (1886), p. 813. (A)
 - Member of Board of Visitors to *U. S. M. A.* in 1841 and in 1869.

- Hunter, David**. Correspondence, orders, etc. 1873. *In* War Dept. Library.
- Report of the military services of Gen. D. Hunter . . . during the . . . rebellion, made to the U. S. War Department, 1873. New York, 1873. 1 vol., O. (A)
- See Naglee, (H. M.) *In* War Dept. Library.
- Hunter, John** (of New York). Member of Board of Visitors to U. S. M. A. in 1835.
- Huntington, H. W.** (of Louisiana). Member of Board of Visitors to U. S. M. A. in 1851.
- Huntington, Henry Dugan** (U. S. M. A., 1875). Died May 4, 1880, aged 36. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Huntton, Thomas** (U. S. M. A., 1879). Died May 11, 1890, aged 71. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1890. (A)
- Hurlbut, S. A.** (of House of Representatives). Member of Board of Visitors to U. S. M. A. in 1875.
- Huse, Caleb** (U. S. M. A., 1851). Photograph *in* Albums of officers' mess.
- Huse, Guy Evans** (U. S. M. A., 1879). Died Apr. 30, 1893, aged 38. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Huston, Daniel** (U. S. M. A., 1848). Died Dec. 2, 1884, aged 60. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1885. (A)
- Hutcheson, Grote** (U. S. M. A., 1881). The Ninth Regiment of Cavalry. Jour. Mil. Serv. Inst., vol. 16, p. 666. (A)
- Hyde, Gen. Thomas W.** (of Maine). Member of Board of Visitors to U. S. M. A. in 1877.
- Hyde, Arthur Penrhyn Stanley** (U. S. M. A., 1900). The Monroe doctrine, Gen. Serv. and Staff College Lectures, no. 18. Fort Leavenworth, 1903. 1 vol., O. pp. 2. (A)
- Hyer, Joseph Keyes** (U. S. M. A., 1865). Died Feb. 12, 1882, aged 73. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1882. (A)
- Ingalls, M. E.** (of Ohio). Member of Board of Visitors to U. S. M. A. in 1866.
- Ingalls, Rufus** (U. S. M. A., 1843). Died Jan. 15, 1893, aged 73. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Reports as Quartermaster-General, U. S. Army, 1882-83.
- Irons, Joseph Finley** (U. S. M. A., 1841). Died Aug. 26, 1847, aged 26. Triangulation, Section *III, p. 22; relieved. U. S. Coast Survey Rept., 1845, p. 22. (A)
- Iverson, Alfred** (of Georgia). Member of Board of Visitors U. S. M. A., 1836.
- Ives, Edward Bernard** (U. S. M. A., 1878). Photograph *in* Albums of officers' mess.
- Ives, Joseph Christmas** (U. S. M. A., 1852). Died Nov. 12, 1868, aged 40. Military map of the peninsula of Florida south of Tampa Bay. Compiled . . . by order of . . . Jeff. Davis, Secretary of War. April, 1856. . . [with memoir]. New York, 1856. 1 vol., O. (A)
- Preliminary report on the Colorado exploring expedition. Washington, 1856.
- Ives, Joseph Christmas**. Military maps of the seat of war in Italy (1859). New York, 1859. (A)
- Report upon the Colorado River of the West, explored in 1857 and 1858. Washington, 1861. Q. Explorations and Surveys; No. 1058. doc. 90. (A)
- Ives, Rollin Augustus** (U. S. M. A., 1870). Died Oct. 20, 1881, aged 37. Photograph *in* Albums of officers' mess.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1882. (A)
- Treatise on military law. New York, 1879. 1 vol., O. (A)
- Izard, George** (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1823.
- Izard, James Allen Smith** (U. S. M. A., 1829). Died July 20, 1879, aged 69. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Jackson, Alfred Barry** (U. S. M. A., 1883). Died Nov. 16, 1897, aged 38. Photograph *in* Albums of officers' mess.
- Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1898. (A)
- Jackson, George** (U. S. M. A., 1850). Died May 27, 1883, aged 51. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1883. (A)
- Jackson, John Jay** (U. S. M. A., 1818). Died Jan. 1, 1877, aged 77. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- Jackson, John P.** (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1852.
- Jackson, Thomas Jonathan** (U. S. M. A., 1840). Died May 10, 1863, aged 40. Oil portrait by J. A. Elder *in* Corcoran Gallery, Washington, D. C.
- Portrait. Harper's New Monthly Mag., vol. 83 (1861), pp. 910, 913. (A)
- Engraving owned by Assoc. Grads. U. S. M. A.
- Statue. At Lexington, Va.
- At the Confederate monument, Augusta, Ga.
- (by Foley). In Richmond, Va.
- Monument. Harper's New Monthly Mag., vol. 83 (1861), p. 915. (A)
- Life and military career. M. Abby. New York, 1863. 240 pp. *In* War Dept. Library.
- Thomas J. Jackson and his Virginia campaigns. Sarah I. Jones. London, 1863. *In* War Dept. Library.
- The life of . . . By a Virginian [John M. Daniel]. New York, 1866. 1 vol., O. *In* War Dept. Library. (A)
- Sketch and outline of his Virginia campaigns. 1863. *In* War Dept. Library.
- Cooke (John Estlin): Stonewall Jackson: A military biography . . . New York, 1866. 1 vol., O.
- Life and campaigns. R. L. Dalney. 1866. *In* War Dept. Library.
- Allen (Win.). History of the campaign of Gen. T. J. Jackson in the Shenandoah Valley . . . 1861-62. Philadelphia, 1880. 1 vol., O. (A)
- Jackson (Mary Anna): Life and letters of Gen. Thomas J. Jackson . . . by his wife. . . . New York, 1892. 1 vol., O.

- Jackson, Thomas Jonathan.** Stonewall Jackson (by Rev. Henry M. Field, D. D.). Harper's New Monthly Mag., vol. 83 (1891), p. 907.
- **Hovey (Carl):** Stonewall Jackson . . . (Beacon biogr.) Boston, 1900. 1 vol., O
- **Stonewall Jackson in the Shenandoah:** Expedition to Bath, Va., January, 1862, p. 287; Engagement at Front Royal, Va., May 23, 1862, p. 289; Battle of Cross Keys, Va., June 8, 1862, p. 290; Engagement at Newtown, Va., May 24, 1862, p. 290. Century Mag., vol. 30.
- *In* The Second Massachusetts and "Stonewall" Jackson; Father's talk with his children about three characters. *In* War Dept. Library.
- Jadwin, Cornelius C.** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1890.
- Jadwin, Edgar** (U. S. M. A., 1890). Project, plan, estimate, etc., for the improvement of Bogue Inlet, N. C. Rept. Chief of Eng., 1897, p. 1419. (A)
- *See* Boards—Robert, 27, 32. (A)
- Jamerson, George Hairston** (U. S. M. A., 1893). The English in India. Jour. Cav. Assoc., 1899, p. 3. (A)
- James, Judge** (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1838.
- Jamieson, Charles Clark** (U. S. M. A., 1892). Report on the Schmidt chronograph. Rept. Chief of Ord., 1899.
- Translator. Microscopic metallography. Notes Constr. Ord. No. 68, vol. 3, p. 1. (A)
- Janeway, E. G.** (of New York). Member of Board of Visitors to U. S. M. A. in 1895.
- Jarvis, Dwight** (of Ohio). Member of Board of Visitors to U. S. M. A. in 1853.
- Jenkins, John Murray** (U. S. M. A., 1887). Training the troop for field duty. Jour. Cav. Assoc., 1891, p. 221. (A)
- Letter on the volunteer cavalry of South Carolina. Jour. Cav. Assoc., 1892, p. 97. (A)
- Jenkins, Walworth** (U. S. M. A., 1853). Died May 14, 1874, aged 41. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1874. (A)
- *Q. M. D.*, or book of reference for quartermasters . . . Louisville, 1865. 1 vol., O. (A)
- Jervey, Henry** (U. S. M. A., 1888). Tests of hydraulic cement. Rept. Chief of Eng., 1895, p. 2743; 1897, p. 2847. (A)
- Project, plan, estimate, etc., for the improvement of Tampa, Fla., harborlines. Rept. Chief of Eng., 1899, p. 1643. (A)
- *Orange River, Fla.* Rept. Chief of Eng., 1900, p. 2932. (A)
- *Punta Rasa to Charlotte Harbor, Fla., channel.* Rept. Chief of Eng., 1900, p. 2041. (A)
- *Boca Grande and Charlotte Harbor, Fla.* Rept. Chief of Eng., 1900, p. 2048. (A)
- *Sarasota Bay to Lemon Bay, Fla.* Rept. Chief of Eng., 1900, p. 2054. (A)
- *Hudson Bay, Fla.* Rept. Chief of Eng., 1900, p. 2066. (A)
- *Crystal River, Fla.* Rept. Chief of Eng., 1900, p. 2074. (A)
- Jervey, Henry.** Project, plan, estimate, etc., for the improvement of Kissimmee River, Fla., to the Gulf of Mexico. Rept. Chief of Eng., 1902, p. 1226. (A)
- military surveys and reconnaissance and map duplication in the field. *In* Chicago Exposition, 1893, Int. Cong. Eng., Oper. Div. Mil. Eng. (A)
- Jervey, James Postell** (U. S. M. A., 1892). Map of Stony Point battlefield (at p. 32). *In* Stony Point battlefield (by E. H. Hall). New York, 1902. 1 vol., O., pp. 40. (A)
- Jesup, Brig. Gen. H. J.** (of U. S. Army). Member of Board of Visitors to U. S. M. A. in 1820.
- Jett, Thomas M.** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1899.
- Johns, Thomas** (U. S. M. A., 1833). Died June 17, 1882, aged 70. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1883. (A)
- Johns, Thomas Denton** (U. S. M. A., 1848). Died July 31, 1883, aged 59. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1884. (A)
- Johnson, Alfred, jr.** (of Maine). Member of Board of Visitors U. S. M. A., 1830.
- Johnson, Andrew** (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1861.
- Johnson, Bushrod Rust** (U. S. M. A., 1840). Died Sept. 7, 1880, aged 63. Engraving owned by Assoc. Grads. U. S. M. A.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Johnson, David Dick** (U. S. M. A., 1868). Photograph *in* Albums of officers' mess.
- Johnson, Edward** (U. S. M. A., 1838). Died Feb. 22, 1873, aged 57. Engraving owned by Assoc. Grads. U. S. M. A.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1873. (A)
- Johnson, J. Neely** (of Nevada). Member of Board of Visitors to U. S. M. A. in 1871.
- Johnson, Richard W.** (U. S. M. A., 1849). Died Apr. 21, 1897, aged 70. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1897. (A)
- A soldier's reminiscences in peace and war. 1866.
- Address before the Society of the Army of the Cumberland, Cincinnati, February, 1868. *In* Report of the first meeting of the Army of the Cumberland, p. 43. Cincinnati, 1868. (A)
- Memoir of Maj. Gen. George H. Thomas. 1 vol., O. 1881. (A)
- Johnson, William Orlando** (U. S. M. A., 1890). Photograph *in* Albums of officers' mess.
- Johnston, Abraham Robinson** (U. S. M. A., 1835). Journal of, on march from Santa Fe, N. Mex., to San Diego, Cal., p. 565. No. 517, doc. 41. (C)
- Johnston, Albert Sidney** (U. S. M. A., 1826). Engraving owned by Assoc. Grads. U. S. M. A.
- Bronze equestrian statue. *In* New Orleans, La.
- Life of Gen. A. S. Johnston, embracing his services in the armies of the United States, the Republic of Texas, and the Confederate States (by William Preston Johnston). New York, 1879.

Johnston, Albert Sidney. Albert Sidney Johnston and the Shiloh campaign: Engagement at Mill Springs, Ky., Jan. 19, 1862, p. 617; Capture of Fort Donelson, Tenn., Feb. 16, 1862, p. 618; *Century Mag.*, vol. 20.

— The offer of Union command to Gen. Albert Sidney Johnston (by Fitz John Porter). *Century Mag.*, vol. 20, p. 634.

Johnston, G. M. (of New York). Member of Board of Visitors to U. S. M. A. in 1838.

Johnston, J. S. (of Louisiana). Member of Board of Visitors to U. S. M. A. in 1824.

Johnston, John (of Ohio). Member of Board of Visitors to U. S. M. A. in 1850.

Johnston, Joseph Eccleston (U. S. M. A., 1820). Died Mar. 21, 1891, aged 84. Engraving owned by Assoc. Grads. U. S. M. A.

— Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1891; *Harper's New Monthly Mag.*, vol. 83 (1891), p. 157. (A)

— Report descriptive of the country between San Antonio and El Paso, dated Dec. 28, 1840; [and] Report on the condition of the River Colorado, and the probable cost of improving its navigation. Washington, 1850. No. 562, doc. 64. Explorations and Surveys.

— Survey of the southern boundary line of Kansas. Washington, 1858.

— Reports as Quartermaster-General U. S. Army, 1860-61.

— Project, plan, estimate, etc., for the improvement of Red River. Rept. Chief of Eng., 1872, p. 569; 1873, p. 646. (C)

— Narrative of military operations during the late war between the States. New York, 1874.

— My negotiations with General Sherman. *In* North Amer. Rev., vol. 143, August, 1886. (A)

— Jefferson Davis and the Mississippi campaign. *In* North Amer. Rev., vol. 143, December, 1886. (A)

— Johnson (Bradley T., ed.): Memoir of the life and public service of Joseph E. Johnston . . . 1 vol., O., 1891. (A)

— Memorial sermon by A. T. Porter, survivors' association, Charleston, S. C., Charleston, 1891. *In* War Dept. Library.

— General Johnston. (Great commanders.) By Robert M. Hughes. New York, 1893.

— Survey of southern boundary of Kansas. No. 658, doc. 103. (C)

— Surrender of, to W. T. Sherman, testimony, etc. No. 1214, doc. 142. (C)

— Manassas to Seven Pines. A reply to Jefferson Davis, including descriptions of the battles of Bull Run and Seven Pines. *Century Mag.*, vol. 30, pp. 97, 99.

— General Johnston's chief of artillery at Bull Run. *Century Mag.*, vol. 30, p. 641.

— and Beauregard, Peter Gustavus Tontant (U. S. M. A., 1838). Official reports . . . of the battle of Manassas, July 21, 1861; also official reports of the battle of 10th Sept., etc. . . Richmond, 1862. 1 vol., O. (A)

Johnston, William F. (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1866.

Jones, George W. (of Ohio). Member of Board of Visitors to U. S. M. A. in 1879.

Jones, Horatio Morgan (U. S. M. A., 1867). Died June 2, 1887, aged 40. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1887. (A)

Jones, James (of Louisiana). Member of Board of Visitors to U. S. M. A. in 1855.

Jones, James Mills (U. S. M. A., 1875). Died Jan. 2, 1899, aged 34. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1899. (A)

Jones, Roger (U. S. M. A., 1851). Died Jan. 26, 1889, aged 38. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1889. (A)

— Reports as Inspector General U. S. Army, 1888.

Jones, Samuel (U. S. M. A., 1841). Died July 31, 1887, aged 68. Engraving owned by Assoc. Grads. U. S. M. A.

— Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1888. (A)

Jones, William Albert (U. S. M. A., 1864). Photograph *in* Albums of officers' mess.

— Treasurer U. S. M. A., June 16 to Aug. 31, 1865.

— Report upon the reconnaissance of north-western Wyoming, including Yellowstone National Park . . . in 1873 . . . 1 vol., O., 1875. 43d Cong., 1st sess., House Ex. Doc. No. 285. (A)

— Project, plan, estimate, etc., for the improvement of Coner d'Alene Lake and River, Idaho. Rept. Chief of Eng., 1885, pp. 372-2443. (C)

— Lewis River, Wash. Rept. Chief of Eng., 1885, p. 2444. (C)

— Columbia River (upper) and Snake River, Oreg. and Wash. Rept. Chief of Eng., 1886, p. 1065. (C)

— Willamette River (upper), Oreg. Rept. Chief of Eng., 1887, p. 2519; 1889, pp. 2581, 2582. (C)

— North Palouse River, Wash. Rept. Chief of Eng., 1886, p. 2592. (C)

— Columbia River (upper), Wash. Rept. Chief of Eng., 1890, pp. 3074, 3075. (C)

— Hudson Harbor, Wis. Rept. Chief of Eng., 1891, p. 2220. (C)

— Creels Bay, Totten Bay, and Minnewauken Shoals, in Devils Lake, N. Dak. Rept. Chief of Eng., 1891, p. 2223. (C)

— Red River of the North, and tributaries above Fergus Falls and Crookston, Minn., and Big Stone Lake, Minn. and S. Dak. Rept. Chief of Eng., 1892, p. 1872. (C)

— Minnesota River, Minn. Rept. Chief of Eng., 1895, p. 2207. (A)

— Big Stone Lake, Minn. Rept. Chief of Eng., 1895, p. 2204. (A)

— Red Lake River, Minn. Rept. Chief of Eng., 1895, p. 2211. (A)

— Chippewa River, Wis. Rept. Chief of Eng., 1896, p. 1864. (A)

— Nebraska side of Missouri River, opposite Sioux City, Iowa. Rept. Chief of Eng., 1896, p. 1874. (A)

— Mille Lacs Lake, Minn. Rept. Chief of Eng., 1897, p. 2171. (A)

- Jones, William Albert** Project, plan, estimate, etc., for the improvement of Otter Tail Lake and Otter Tail River, Minn. Rept. Chief of Eng., 1897, p. 2172. (A)
- Big Stone Lake and Lake Traverse, Minn. Rept. Chief of Eng., 1898, p. 1834. (A)
- Salmon fisheries of Columbia River, 1888. No. 2510, doc. 123. (C)
- See Boards—Mendell, 2, 3.
- Jones, William E.** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1860.
- Jordan, Allan Robertson** (U. S. M. A., 1879). Died Dec. 13, 1882, aged 28. Obituary in Ann. Assoc. Grads. U. S. M. A., 1883. (A)
- Jordan, Charles Downs** (U. S. M. A., 1842). Died Jan. 5, 1876, aged 55. Obituary in Ann. Assoc. Grads. U. S. M. A., 1879. (A)
- Jordan, Thomas** (U. S. M. A., 1840). Died Nov. 27, 1895, aged 76. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- The South: Its products, commerce, and resources. 1861.
- Jefferson Davis. Harper's New Monthly Mag., vol. 31 (1865), p. 611.
- Notes of a Confederate staff officer. Century Mag., vol. 29, p. 629.
- Editor of the Financial and Mining Record of New York City.
- and Pryor, J. P. The campaigns of Lieut. Gen. N. B. Forrest and of Forrest's cavalry. . . . New Orleans, 1868. 1 vol., O. (A)
- Joyes, John Warren** (U. S. M. A., 1894). Report of principal operations in the gun factory, Watervliet Arsenal. Rept. Chief of Ord., 1899.
- Card system for property records and returns; Report upon the condition of the roofs and cornices of the army gun factory at the Watervliet Arsenal and the methods decided upon to correct the defects now existing there. Rept. Chief of Ord., 1900.
- Judd, Henry Bethel** (U. S. M. A., 1839). Died July 27, 1892, aged 73. Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Judson, John W.** (U. S. M. A., 1836). Died May 30, 1878, aged 67. Obituary in Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Judson, William Voorhees** (U. S. M. A., 1888). Tidal observations at Galveston Bay, Tex. Rept. Chief of Eng., 1895, p. 1801. (A)
- Project, plan, estimate, etc., for the improvement of channel between Brazos River and Galveston Bay, Tex. Rept. Chief of Eng., 1897, pp. 1811, 1812. (A)
- Carrabelle Harbor, Ga. Rept. Chief of Eng., 1901, p. 1803. (A)
- Upon the use of electric searchlights in war. [Translated from the French of A. Bochet, 1901.] Washington, 1902. 1 vol., O., 12 pp. (A)
- Lefebvre: Military landscape sketching. [Translation.] Washington, 1902. 1 vol., O., pp. 28. (A)
- Kalk, Frank Green** (U. S. M. A., 1886). Died Mar. 5, 1898, aged 33. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1898. (A)
- Kaufman, Abraham C.** (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1900.
- Kautz, August Valentine** (U. S. M. A., 1852). Died Sept. 4, 1895, aged 68. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- The company clerk; showing how and when to make out all the returns, reports, rolls, and other papers, and what to do with them. . . . 1 vol., 160. Philadelphia, 1863. (A)
- Customs of service for noncommissioned officers and soldiers, as derived from law and regulations and practice in the Army of the United States. . . . 1 vol., 180. Philadelphia, 1864. (A)
- A mission for the infantry. Jour. Mil. Serv. Inst., vol. 10, p. 159. (A)
- Military education for the masses. Jour. Mil. Serv. Inst., vol. 17, p. 486. (A)
- Kean, John** (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1901.
- Kear, John** (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1850.
- Kearney, Col. James** (of U. S. Army). Member of Board of Visitors (inspection) to U. S. M. A. in 1834.
- Keen, William W.** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1894.
- Keim, George M.** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1836.
- Keller, Charles** (U. S. M. A., 1865). Died Apr. 22, 1901, aged 59. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Keller, Charles** (U. S. M. A., 1890). Project, plan, estimate, etc., for the improvement of Portsmouth Harbor, N. H. Rept. Chief of Eng., 1900, p. 1171. (A)
- Isles of Shoals, Me. and N. H. Rept. Chief of Eng., 1900, p. 1174. (A)
- Estimate of cost for completion of lock and dam No. 1, Brennecke's Shoals, Osage River, Mo. Rept. Chief of Eng., 1901, p. 2369. (A)
- Kelley, William D.** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1885.
- Kellogg, Prof. J. F.** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1875.
- Kellogg, Lyman Mack** (U. S. M. A., 1852). Died Jan. 31, 1877, aged 49. Obituary in Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- Kelly, William, Jr.** (U. S. M. A., 1896). Animals in warfare. Munsey's Mag., November, 1900. (A)
- Kelsey, Ambrose B.** (of Maine). Member of Board of Visitors to U. S. M. A. in 1865.
- Kelton, John Cunningham** (U. S. M. A., 1851). Died July 15, 1893, aged 65. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Librarian U. S. M. A. from — to Apr. 24, 1861.
- A new manual of the bayonet for the Army and militia of the United States. . . . New York, 1862. 1 vol., O. (A)

- Kelton, John Cunningham. Pigeons as couriers. San Francisco, 1882. 1 vol., pp. 39.
- Information for riflemen on the range and battlefield, compiled from the best authorities by Col. J. C. Kelton, U. S. Army. 3d ed. 12°. 1884. (A)
- Devices for effective firing by cavalry in attack. Jour. Cav. Assoc., 1888, p. 60. (A)
- Reports as Adjutant-General U. S. Army. 1889-1892.
- Fencing with foils. (A)
- Kemp, Ulysses Grant (U. S. M. A., 1889). Died July 16, 1898, aged 32. Obituary in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Gymnasiums and riding halls at cavalry posts. Jour. Cav. Assoc., 1892, p. 209. (A)
- Kenan, Augustus H. (of Georgia). Member of Board of Visitors to U. S. M. A. in 1849.
- Kendall, Henry Fletcher (U. S. M. A., 1878). An army uniform. Jour. Cav. Assoc., 1894, p. 118. (A)
- Kendig, A. B. (of Iowa). Member of Board of Visitors to U. S. M. A. in 1874.
- Kendrick, Henry Lane (U. S. M. A., 1835). Died May 24, 1891, aged 80. Portrait (oil painting, by D. Huntington) presented by War Department.
- Large photographic portrait in room 316, academic building, U. S. M. A. Framed. Same in W. P. A. M.
- Photograph in Album of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1891. (A)
- Professor of chemistry, mineralogy, and geology, U. S. M. A., 1857-1880.
- Address by Rev. M. R. Vincent. Obituary by Prof. S. E. Tillman, 1892.
- Kendrick, John (of Ohio). Member of Board of Visitors to U. S. M. A. in 1867.
- Kennedy, John P. (of Maryland). Member of Board of Visitors to U. S. M. A. in 1861.
- Kennon, Lyman Walter Vere (U. S. M. A., 1881). Duties of guards and sentinels. Salt Lake City, 1884. 1 vol., O., pp. 166. (A)
- Manual of guard duty. 1 vol., 189. 1890. (A)
- The case of the Chiricahuas. In North Amer. Rev., vol. 150 (1890).
- The Army; its employment during time of peace, and the necessity of its increase. 1 pam., O. 1896. See U. S. Inf. Soc. Mon.
- Battle tactics of infantry. Jour. Mil. Serv. Inst., vol. 7, p. 1. (A)
- Kensel, George Amos (U. S. M. A., 1857). Died Apr. 17, 1881, aged 45. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Kent, Jacob Ford (U. S. M. A., 1861). Photograph in Albums of officers' mess.
- Kent, James (of New York). Member of Board of Visitors to U. S. M. A. in 1828.
- Kephart, Samuel Alexander (U. S. M. A., 1892). The reduction of impedimenta of troops in campaign. Jour. U. S. Art., vol. 10, p. 1.
- Kerney, Richard R. (of Delaware). Member of Board of Visitors to U. S. M. A. in 1898.
- Kerr, Robert David (U. S. M. A., 1898). Died July 21, 1898, aged 22. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1899.
- Kerr, W. C. (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1897.
- Ketchum, William Scott (U. S. M. A., 1834). Died June 28, 1871, aged 58. Obituary in Ann. Assoc. Grads. U. S. M. A., 1872. (A)
- Trial of Mrs. E. G. Wharton. 1872.
- Keyes, Erasmus Darwin (U. S. M. A., 1832). Died Oct. 14, 1895, aged 84. Portrait (oil painting by Carol Beckwith, 1900, from photo). Presented by his son, Dr. E. S. Keyes. In memorial hall, West Point.
- Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Member of Board of Visitors (inspection) to U. S. M. A. in 1844.
- Fifty years observation of men and events, civil and military. New York., 1885. 1 vol., O. [Contains many references to West Point; see especially Chap. XI.] (A)
- Kibby, Epaphras (U. S. M. A., 1834). Died Sept. 15, 1839, aged 28. Editor Mobile, Ala., Register, 1837-1839.
- Kilbourne, Charles Evans (U. S. M. A., 1866). Use of meteorological instruments. See Art. Cir. D. 1 pam. 1893. (A)
- Kilburn, Charles Lawrence (U. S. M. A., 1842). Died Mar. 17, 1899, aged 80. Obituary in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Notes on preparing stores for the U. S. Army; and on the care of the same . . . with A few rules for detecting adulterations . . . 2d ed., . . . enl. Cincinnati, 1863. 1 vol., O. (A)
- Kilpatrick, Judson (U. S. M. A., 1861). Died Dec. 2, 1881, aged 45. Engraving (by J. C. Buttre). Owned by Assoc. Grads. U. S. M. A.
- (by O'Neill) owned by Assoc. Grads. U. S. M. A.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1882; Harper's New Monthly Mag., vol. 64 (1882), p. 476. (A)
- Kimball, Frederick Clark (U. S. M. A., 1886). Died Sept. 11, 1897, aged 34. Obituary in Ann. Assoc. Grads. U. S. M. A., 1898. (A)
- King, Charles (U. S. M. A., 1866). Photograph in Albums of officers' mess.
- [Short biography by] (Philip Reade). In Lippincott's Mag., vol. 42 (1888), pp. 856-862.
- Member of Board of Visitors to U. S. M. A. in 1889.
- The Fifth Cavalry in the Sioux war of 1876. Campaigning with Crook. 1 vol., O. 1880. (A)
- Campaigning with Crook. 1880. Harper's New Monthly Mag., vol. 32 (1891), p. 316. (A)
- Author of many magazine stories and sketches. 1880-1890.

- King, Charles.** The colonel's daughter; or, Winning his spurs. 12°. Philadelphia, 1883. [Wer wird sie heimführen? Translation of The colonel's daughter. 2 vols., 12°. Braunschweig, 1885]. (A)
- Kitty's conquest. 16°. Philadelphia, 1884. (A)
- Famous and decisive battles of the world. O. Philadelphia, 1884. (A)
- Marion's faith: A sequel to The colonel's daughter. Philadelphia, 1886. (A)
- From the ranks. A novel. O. Philadelphia [1887]. (A)
- The deserter. O. Philadelphia [1887]. (A)
- Capt. Santa Claus. Harper's New Monthly Mag., vol. 76 (1887), p. 167. (A)
- Cadet life at West Point. Ill. In Harper's Mag., July, 1887, pp. 166-219. (A)
- The Leavenworth School. Harper's New Monthly Mag., vol. 76 (1888), p. 777. (A)
- A war time wooing. A story. 12°. New York [1888]. (A)
- Dunraven ranch. O. Philadelphia [1888]. (A)
- Between the lines. A story of the war. New York [1888]. 1 vol., O. (A)
- "Laramie;" or, The Queen of Bedlam. A story of the Sioux war of 1876. 12°. Philadelphia, 1889. (A)
- The colonel's Christmas dinner. 12°. Philadelphia, 1890. (A)
- An army Portia. O. Philadelphia, 1890. (A)
- The story of a march. Jour. Cav. Assoc., 1890, p. 120. (A)
- Sunset Pass. 1890.
- Maj. Gen. George Crook, U. S. Army. [A paper read before the Commandery of Wisconsin, Military Order of the Loyal Legion of the United States.] Milwaukee, 1890. 1 vol., O., pp. 20. (A)
- Custer's last battle. Harper's New Monthly Mag., vol. 81 (1890), p. 378.
- Trials of a staff-officer. 12°. Philadelphia, 1891. (A)
- Starlight ranch, and other stories of army life on the frontier. 12°. Philadelphia, 1891. (A)
- A soldier's secret. A story of the Sioux war . . . of 1890. O. Philadelphia [1892]. (A)
- Captain Blake. 12°. Philadelphia, 1892. Traus. to post library. (A)
- Two soldiers and Dunraven ranch. 2 novels. 12°. Philadelphia, 1892. (A)
- Foes in ambush . . . O. Philadelphia, 1893. (A)
- Waring's peril . . . Philadelphia, 1894. 1 vol., O. (A)
- Cadet days. A story of West Point . . . New York, 1894. 1 vol., O. [Reprinted, New York, 1899.] (A)
- An initial experience, and other stories . . . Philadelphia, 1894. 1 vol., O. (A)
- Notes on the Swiss cavalry. Jour. Cav. Assoc., 1894, p. 283. (A)
- King, Charles.** The story of Fort Frayne . . . Chicago [1895]. 1 vol., O. (A)
- Captain Dreams, and other stories . . . Philadelphia, 1895. 1 vol., O. (A)
- Under fire . . . Philadelphia, 1895. 1 vol., O. (A)
- Captain Close and Sergeant Croesus. 2 novels. 1 vol., O. 1895.
- Trooper Ross and Signal Butte . . . Philadelphia, 1896. 1 vol., O. (A)
- A garrison tangle . . . New York, 1896. 1 vol., O. (A)
- An army wife . . . New York, 1896. 1 vol., O. (A)
- Noble Blood: A Prussian cadet story, tr. . . from E. . . Von Wildenbruch . . . ; and A West Point parallel: An American cadet story . . . New York, 1896. 1 vol., O. (A)
- A tame surrender. A story of the Chicago strike . . . Philadelphia, 1896. 1 vol., O. (A)
- Trumpeter Fred. A story of the plains . . . New York and Chicago, 1896. 1 vol., O. (A)
- Warrior Gap. A story of the Sioux outbreak of '68. New York [1897]. 1 vol., O. (A)
- Ray's recruit . . . Philadelphia, 1898. 1 vol., O. (A)
- The general's double. A story of the Army of the Potomac . . . Philadelphia, 1898. 1 vol., O. (A)
- A wounded name . . . New York [1898]. 1 vol., O. (A)
- A trooper Galahad . . . Philadelphia, 1899. 1 vol., O. (A)
- From school to battle field. A story of the war days . . . Philadelphia, 1899. 1 vol., O. (A)
- Found in the Philippines. The story of a woman's letters . . . New York [1899]. 1 vol., O. (A)
- Norman Holt. A story of the Army of the Cumberland. New York, 1901. 1 vol., O. (A)
- Ray's daughter. A story of Manila . . . Philadelphia, 1901. 1 vol., O. (A)
- In spite of foes; or, Ten years' trial . . . Philadelphia, 1901. 1 vol., O. (A)
- The iron brigade. New York, 1902. 1 vol., O. (A)
- Gainesville. Milwaukee, 1903. 1 vol., O., pp. 27. (A)
- A daughter of the Sioux. New York, 1903. 1 vol., O. (A)
- Esprit de corps. Jour. Mil. Serv. Inst., vol. 11, p. 81. (A)
- In Lippincott's Mag. . . The deserter, in vol. 39, pp. 699-828; Dunraven Ranch, in vol. 42, pp. 751-855; From the ranks, in vol. 40, pp. 762-879; A soldier's secret, in vol. 41, pp. 258-331.
- King, David Matson** (U. S. M. A., 1893). Photograph in Albums of officers' mess.
- Report of principal operations in the machine, blacksmith, and carpenter shops (lower shops), and storehouse at Watervliet Arsenal. Rept. Chief of Ord., 1900.
- King, Rufus** (U. S. M. A., 1833). Died Oct. 13, 1876, aged 63. Obituary in Ann. Assoc. Grads. U. S. M. A., 1877. (A)

King, Rufus. Editor Albany (N. Y.) Advertiser, 1839-1841.
 — Associate editor Albany Evening Journal, 1841-1845.
 — Editor Milwaukee Sentinel and Gazette, 1845-1861.
 — Member of Board of Visitors to U. S. M. A. in 1849.
 — Ohio. First fruits of the ordinance of 1787 . . . Boston, 1891. 1 vol., O. *In American Commonwealths.* (A)
 — The life and correspondence of Rufus King . . . New York, 1894-1900. 6 vols., O. Edited by Charles R. King. (A)
King, William Rice (U. S. M. A., 1863). Died May 18, 1898, aged 58. Obituary in Ann. Assoc. Grads. U. S. M. A., 1898. (A)
 — Torpedoes: Their invention and use, from the first application to the art of war to the present time. Washington, 1866. O.
 — Counterpoise gun-carriages and platforms . . . Washington, 1869. 1 vol., Q. (A)
 — Report on certain experimental and theoretical investigations relative to the quality, form, and combination of materials for defensive armor. Prof. Papers Corps of Eng. U. S. A., No. 17. Washington, 1870. Q. (A)
 — Economy of seacoast defenses. Essayons Club Papers, No. 19, 1871. (A)
 — Project, plan, estimate, etc., for the improvement of Tennessee River. Rept. Chief of Eng., 1877, pp. 88, 89, 580, 583, 590. (C)
 — Ocmulgee River, Ga. Rept. Chief of Eng., 1877, pp. 91, 600; 1882, pp. 1276, 1859; 1887, pp. 91, 600. (C)
 — Cumberland River. Rept. Chief of Eng., 1877, p. 595. (C)
 — Coosa River, Ga. and Ala. Rept. Chief of Eng., 1877, p. 598; 1878, p. 766; 1879, p. 1271; 1881, p. 1871; 1887, p. 1281. (C)
 — Oconee River, Ga. Rept. Chief of Eng., 1878, pp. 105, 768; 1886, p. 1162. (C)
 — Oostenaula and Coosawattee rivers, Ga. Rept. Chief of Eng., 1879, pp. 141, 1272. (C)
 — Duck River, Tenn. Rept. Chief of Eng., 1880, p. 1684. (C)
 — Etowah River, Ga. Rept. Chief of Eng., 1880, pp. 1693, 1698. (C)
 — Chattahoochee River, Ga. and Ala. Rept. Chief of Eng., 1880, pp. 1708, 1721; 1882, p. 1876. (C)
 — Clinch River, Tenn. and Va. Rept. Chief of Eng., 1881, p. 1867. (C)
 — Red River, Tenn. Rept. Chief of Eng., 1881, p. 1878. (C)
 — Holston River, Tenn. and Va. Rept. Chief of Eng., 1881, pp. 1879, 1883, 1885. (C)
 — Powell River, Va. and Tenn. Rept. Chief of Eng., 1881, p. 1887. (C)
 — canal connecting the headwaters of the Hiwassee, Tennessee, and Savannah rivers. Rept. Chief of Eng., 1881, p. 1889. (C)
 — south fork of Cumberland River, Ky. Rept. Chief of Eng., 1881, pp. 1897, 1898, 1886, p. 270; 1887, p. 235; 1890, p. 2149. (C)
 — Little Tennessee River, Tenn. Rept. Chief of Eng., 1882, pp. 1868, 1869. (C)

King, William Rice. Project, plan, estimate, etc., for the improvement of Elk River, Tenn. and Ala. Rept. Chief of Eng., 1885, p. 1771. (C)
 — Little River, Ky. Rept. Chief of Eng., 1885, p. 1772. (C)
 — bridges of the Memphis and Charleston, the Nashville, Chattanooga and St. Louis, the Chesapeake, Ohio and Southwestern railroads, crossing the Tennessee River at Florence, Ala., Johnsonville, Tenn., and Gilbertsville, Ky. Rept. Chief of Eng., 1888, p. 2563. (C)
 — La Crosse Harbor, Wis. Rept. Chief of Eng., 1897, p. 2117. (A)
 — Davenport, Iowa, harbor lines. Rept. Chief of Eng., 1898, p. 1507. (A)
 — Photographic views, illustrating work of improvement on the Muscle Shoals Canal, under his direction. April, 1878, to December, 1885.
 — Photographic views Nos. 1 to 15, inclusive, illustrating work of improvement on Coosa River, under his direction. 15 sheets. May, 1880.
 — Controllable torpedoes, operated from shore stations. *In* Chicago Exposition, 1893, Int. Cong. Eng., Oper. Div. Mil. Eng. (A)
 — The military necessities of the United States and the best provisions for meeting them. Jour. Mil. Serv. Inst., vol. 5, p. 355. (A)
 — Comment on Walker's Fortifications and fleets. Jour. Mil. Serv. Inst., vol. 11, p. 148. (A)
 — Review of The year's naval progress. Jour. Mil. Serv. Inst., vol. 13, p. 198. (A)
 — Comment on Army organization. Jour. Mil. Serv. Inst., vol. 14, p. 1248. (A)
 — Comment on Proposed deep waterway from Great Lakes to ocean. Jour. Mil. Serv. Inst., vol. 16, p. 97. (A)
 — See Boards—King: Casey, 2, 5, 7, 10, 11, 12, 13, 14, 15; Craighill, 4, 8; Gillespie, 1, 2, 3; Poe, 8; Suter, 3; Woodruff, 7. (A)
 — and Reese, Chauncey B. (U. S. M. A., 1859). Reports on experimental firing with modern seacoast artillery to determine the elements of the trajectory in both direct and ricochet firing, etc., with a supplement. O. Washington, 1868.
Kingman, Dan Christie (U. S. M. A., 1875). Photograph in Albums of officers' mess.
 — Project, plan, estimate, etc., for the improvement of Bayou Plaquemine, La. Rept. Chief of Eng., 1890, p. 1762; 1892, pp. 1494, 1498. (C)
 — Sodus Harbor (Great), N. Y. Rept. Chief of Eng., 1891, p. 2908. (C)
 — Charlotte Harbor, N. Y. Rept. Chief of Eng., 1892, p. 2550. (C)
 — Harbor of refuge in Mexico Bay on Lake Ontario, N. Y. Rept. Chief of Eng., 1893, p. 3169. (A)
 — Niagara River. Rept. Chief of Eng., 1893, p. 4378. (A)

- Kingman, Dan Christie.** Project, plan, estimate, etc., for the improvement of Lake Ontario water levels. Rept. Chief of Eng., 1893, p. 4382. (A)
- breakwater at Buffalo, N. Y. Rept. Chief of Eng., 1895, p. 3157. (A)
- channel connecting Irondequoit Bay with Lake Ontario, N. Y. Rept. Chief of Eng., 1895, p. 3223. (A)
- Tennessee River, Ky. Rept. Chief of Eng., 1897, p. 2315. (A)
- Emory River, Tenn. Rept. Chief of Eng., 1897, p. 2317. (A)
- Elk River, Tenn. and Ala. Rept. Chief of Eng., 1899, p. 2308. (A)
- Tennessee River (lock building). Rept. Chief of Eng., 1900, p. 2007. (A)
- Hiwassee River, Tenn. Rept. Chief of Eng., 1900, p. 3010; 1901, p. 2459. (A)
- French Broad River, Tenn. Rept. Chief of Eng., 1900, p. 3018. (A)
- Holston River, Tenn. Rept. Chief of Eng., 1900, p. 3058; 1901, p. 2519. (A)
- Clinch River, Tenn. Rept. Chief of Eng., 1900, p. 3065. (A)
- Powells River, Va. and Tenn. Rept. Chief of Eng., 1900, p. 3067. (A)
- Richland River, Tenn. Rept. Chief of Eng., 1900, p. 3074. (A)
- Little Tennessee River, Tenn. Rept. Chief of Eng., 1901, pp. 2492, 2496. (A)
- See Boards—Kingman; Abbot, 19, 21, 23; Adams, 1; Comstock, 16, 17; Mendill, 9; Merrill, 6; Robert, 21. (A)
- Kingsbury, Charles People** (U. S. M. A., 1840). Died Dec. 25, 1879, aged 61. Obituary in Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Contributor to American Whig Review, Southern Quarterly Review, Putnam's Monthly, and the Southern Literary Messenger 1840-1867.
- An elementary treatise on artillery and infantry, adapted to the service of the United States, designed for the use of the cadets of the U. S. M. A., etc. New York, 1849. 1 vol., O., pp. 203. (A)
- Kingsbury, Frederick William** (U. S. M. A., 1870). Died June 13, 1897, aged 50. Obituary in Ann. Assoc. Grads. U. S. M. A., 1898. (A)
- Kingsley, —** (of Connecticut). Member of Board of Visitors to U. S. M. A. in 1824.
- Kinnear, James** (of Pennsylvania). Member of Board of Visitors to U. S. M. A., in 1836.
- Kinsey, H. M.** (of Texas). Member of Board of Visitors to U. S. M. A. in 1854.
- Kinsley, Zehina James Duncan** (U. S. M. A., 1819). See West Point, maps, 1821.
- Kirby, Henry** (U. S. M. A., 1877). Photograph in Albums of officers' mess.
- Kirkbam, Ralph Wilson** (U. S. M. A., 1842). Died May 23, 1893, aged 72. Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Kirkpatrick, Littleton** (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1850.
- Kirkpatrick, Newton Davidson** (U. S. M. A., 1806). Died Sept. 7, 1898, aged 25. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Knapp, Joshua Lagrand** (U. S. M. A., 1873). Died Apr. 19, 1877, aged 31. Obituary in Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- Kneedler, William Ludwig.** Chief medical officer U. S. M. A., May 20 to Oct. 27, 1898, and Jan. 6 to June 9, 1902.
- Knight, John George David** (U. S. M. A., 1868). Photograph in Albums of officers' mess.
- Notes on determinants for the use of cadets of the U. S. M. A. [West Point], 1880. 1 vol., O., pp. 11. (A)
- General orders and circulars headquarters Corps of Engineers and office of the Chief of Engineers, in force May 1, 1892; and index. Washington, 1892. 1 vol., O. (A)
- Notes on the aurora borealis, 1870. See Essayons Club Papers, No. 14. Thickness of cover for guns and magazines of fortifications. . . . Washington, 1893. 1 pam., O. (A)
- Elevation of sites for seacoast batteries . . . Washington, 1896. 1 pam., O. (Engineer Dept., U. S. A.) (A)
- Project, plan, estimate, etc., for the improvement of water supply. Washington, D. C. Rept. Chief of Eng., 1896, p. 3950. (A)
- Review of Librecht's *Attaque et defense des places*. Jour. U. S. Art., vol. 6, p. 120.
- Modern fortifications and sieges. Jour. Mil. Serv. Inst., vol. 8, p. 381. (A)
- Comment on Walker's *Fortifications and fleets*, p. 156; Comment on Wills's *Regimental court of honor*, p. 815. Jour. Mil. Serv. Inst., vol. 11. (A)
- The elevation of sites for batteries. Jour. Mil. Serv. Inst., vol. 19, p. 211. (A)
- See Boards—Elliot, 1; Robert, 13. (A)
- Knowlton, Joseph Lippincott** (U. S. M. A., 1895). Translation of Crouzet's *The collimating clinometer of Colonel Goulier*. Jour. U. S. Art., vol. 14, p. 78.
- Knowlton, Miner** (U. S. M. A., 1829). Died Dec. 24, 1870, aged 66. Obituary in Ann. Assoc. Grads. U. S. M. A., 1871. (A)
- Military pyrotechny for the . . . U. S. M. A. Lith. (by G. Aspinwall). 1837. 1 pam., F. (13 x 10 inches). (A)
- Copy of a report on the military establishments of the British provinces. (Canada.) 1840. MS. West Point. 1 vol., O. (A)
- Notes on gunpowder, percussion powder, cannon, and projectiles. 1844. In West Point. Notes on engineering.
- Instructions and regulations for the militia and volunteers of the United States. 1861.
- Authorized tactics U. S. Army (infantry). Philadelphia, 1861. 1 vol., O. (A)
- Knox, James** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1862.
- Krause, William** (U. S. M. A., 1865). Died Jan. 24, 1901, aged 56. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Krayenbuhl, Maurice Gaston** (U. S. M. A., 1890). Died Mar. 26, 1899, aged 30. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)

- Kuhn, Joseph Ernest** (U. S. M. A., 1885). Photograph in Albums of officers' mess.
- Felddienst-Ordnung, German army. Jour. U. S. Art., vol. 2, p. 196.
- A new method of indirect laying for field artillery. [Translation from the German of Von Brilli.] Jour. U. S. Art., vol. 3, p. 444.
- Kurtz, John Daniel** (U. S. M. A., 1842). Died Oct. 16, 1877, aged 58. Obituary in Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Project, plan, estimate, etc., for the improvement of Shrewsbury River, N. J. Rept. Chief of Eng., 1871, pp. 80, 703; 1872, pp. 77, 782; 1873, p. 869; 1876, vol. 1, pp. 280, 281; 1877, p. 268. (C)
- Delaware River. Rept. Chief of Eng., 1871, pp. 81, 707, 708; 1872, pp. 78, 786, 787, 788, 790, 791; 1873, pp. 872, 877, 878, 929; 1874, vol. 1, p. 92; 1874, vol. 2, p. 142; 1875, vol. 2, p. 162; 1876, vol. 1, p. 276; 1877, p. 268. (C)
- Lewes, Del. Rept. Chief of Eng., 1871, pp. 670, 672, 675, 676, 678, 680; 1874, vol. 2, pp. 133, 134; 1875, vol. 2, p. 173; 1876, vol. 1, p. 267. (C)
- Newcastle Harbor (Delaware River). Rept. Chief of Eng., 1871, p. 690; 1874, vol. 2, p. 135; 1875, vol. 2, pp. 177, 258. (C)
- Salem River, N. J. Rept. Chief of Eng., 1871, pp. 695, 696. (C)
- South River, N. J. Rept. Chief of Eng., 1871, p. 694; 1872, p. 781. (C)
- Chester Harbor, Pa. Rept. Chief of Eng., 1871, p. 706; 1875, vol. 2, p. 183; 1876, vol. 1, p. 271. (C)
- Cohansey Creek, N. J. Rept. Chief of Eng., 1873, p. 880. (C)
- Wilmington Harbor, Del. Rept. Chief of Eng., 1874, vol. 2, p. 137; 1875, vol. 2, p. 179; 1876, vol. 1, p. 270; 1879, p. 441; 1881, p. 769. (C)
- Schuylkill River, Pa. Rept. Chief of Eng., 1874, vol. 2, pp. 139, 187; 1875, vol. 2, p. 187; 1876, vol. 1, p. 272; 1879, p. 264; 1883, p. 614; 1887, pp. 78, 801. (C)
- Crow Shoals, Delaware Bay, N. J. Rept. Chief of Eng., 1874, vol. 2, pp. 147, 154.
- Reedy Island, Port Penn, Del. Rept. Chief of Eng., 1879, p. 694. (C)
- and Brown, Micah Ryder (U. S. M. A., 1865). Report on the effects of the sea water and exposure upon the iron-pile shafts of the Brandywine shoal light-house. Washington, 1874. Q.
- See Boards—Macomb, 10, 17; Tower, 2; Woodruff, 6, 7, 9; Wright, 2. (A)
- Kutz, Charles William** (U. S. M. A., 1893). Project, plan, estimate, etc. for the improvement of Annapolis Harbor, Md. Rept. Chief of Eng., 1897, p. 1310. (A)
- harbor lines, Baltimore, Md. Rept. Chief of Eng., 1900, pp. 1693, 1697. (A)
- Kyle, John Gowdy** (U. S. M. A., 1870). Died Mar. 30, 1877, aged 28. Obituary in Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- Ladd, Eugene Frederick** (U. S. M. A., 1884). Special service corps for the Quartermaster's Department. Jour. Mil. Serv. Inst., vol. 14, p. 1008. (A)
- Ladue, William Baker** (U. S. M. A., 1894). See West Point, Fourth of July Oration, 1893.
- Lafferty, Herbert Adams** (U. S. M. A., 1898). Died Sept. 17, 1898, aged 23. Obituary in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Laidley, Theodore Thaddeus Sobieski** (U. S. M. A., 1842). Died Apr. 4, 1886, aged 64. Obituary in Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- New edition of the Ordnance manual, June 4, 1858, to Sept. 26, 1861.
- Heavy guns, report of board on place, manner, and details of construction of experimental. Rept. Chief of Ord., 1873, p. 174. (C)
- Report of board to determine the best method of rifling and venting, and the characters of the powder, projectiles and carriages to be provided for the trial of heavy, rifled guns. Rept. Chief of Ord., 1873, p. 24. (C)
- Powder mills in Germany, France, England, and Russia. Rept. Chief of Ord., 1875, p. 40; Powder, report on European, p. 437; Powder pebble, p. 442; Wiener's powder, p. 451; Schultz's granulated wood, powder, p. 454; Wetteren, description of manufacture of, powder, p. 457; Report of carriages on European fields, p. 464; Forges, traveling, report on European, p. 473; Report on European sea-coast carriages, p. 475; Gruson's sea-coast carriages, p. 476; Krupp's sea-coast carriages, p. 477; Description of carriage, for 14-inch gun, p. 484; Description of Krupp carriage, for 12-inch gun, p. 484; Description of German naval carriage, p. 484; Prussian gun lift, p. 487; Krupp's gun lift, p. 496; 35-ton hydraulic, description of English carriage, p. 493; Vavasseur's gun carriages, p. 496; Moncrieff's depressing gun carriages, p. 496; Moncrieff's hydro-pneumatic gun carriages, pp. 499, 500; Mortar, changes in carriages, p. 500; Report on European, sling wagons, p. 515; Colonel Lischine's wooden, tent, p. 516. Rept. Chief of Ord., 1877. (C)
- Powder mill for the Government, erection recommended by, p. 39; Description of Laidley cavalry forge, p. 295. Rept. Chief of Ord., 1879. (C)
- A course of instruction in rifle firing, 1879.
- Report of experiments on the resistance of thick cast-iron cylinders to internal pressures, and reply to remarks made thereon by the Ordnance Board. Fl., O., pp. 19. Boston, 1881.
- Shall a cast-iron rifled gun be tested? O., p. 16. Boston, 1881.
- Plan for moving heavy ordnance. Ord. Note 24, vol. 1, p. 133. (A)
- Gun-lift. Ord. Note 32, vol. 1, p. 191. (A)
- Translation of article on field artillery. Ord. Note 34, vol. 1, p. 209. (A)
- Sling-cart and sling-wagon. Ord. Note 37, vol. 1, p. 239. (A)
- Tests of metals for cannon. Ord. Note 40, vol. 1, p. 255. (A)

- Laidley, Theodore Thadeus Sobieski. Translation of steel-bronze guns. Ord. Note 51, vol. 2, p. 345. (A)
- Modified field-forge. On the manner of breaking up unserviceable loaded projectiles. Ord. Note 69, vol. 3, pp. 550, 551. (A)
- Timber and minerals of Deep River country of North Carolina. No. 850, doc. 104. (C)
- Laird, James. Member of Board of Visitors to U. S. M. A. in 1886.
- La Motte, Joseph Hatch (U. S. M. A., 1827). Died Nov. 15, 1888, aged 81. Obituary in Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Laucaster, James Madison (U. S. M. A., 1862). Died Oct. 5, 1900, aged 60. Photograph in Albums of officers' mess. (A)
- Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901.
- Lander, Patterson C. (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1848.
- Landers, George Foreman (U. S. M. A., 1887). Some notes on our artillery target practice. Jour. U. S. Art., vol. 7, p. 170.
- Landis, Charles B. (of Indiana). Member of Board of Visitors to U. S. M. A. in 1901.
- Landis, John Fulton Reynolds (U. S. M. A., 1878). Photograph in Albums of officers' mess.
- Landon, Edwin (U. S. M. A., 1896), and Hunter, Alfred Milton (U. S. M. A., 1887). Manual for 12-inch B. L. rifle, mounted on barbette carriage in an emplacement provided with ammunition lifts. Jour. U. S. Art., vol. 15, p. 204.
- Lane, Amos (of Indiana). Member of Board of Visitors to U. S. M. A. in 1826 and in 1840.
- Langdon, Russell Creamer (U. S. M. A., 1866). Organization of a staff best adapted to the U. S. Army. Jour. Mil. Serv. Inst. U. S., vol. 28, p. 208.
- Langfitt, William Campbell (U. S. M. A., 1883). Project, plan, estimate, etc., for the improvement of Crawfish and Mill creeks, Ohio. Rept. Chief of Eng., 1894, p. 1891. (A)
- Lower Willamette and Columbia rivers, Oreg. Rept. Chief of Eng., 1900, p. 441b. (A)
- Columbia River, Oreg. Rept. Chief of Eng., 1900, p. 4434. (A)
- See Boards — Langfitt; Comstock, 20; Hener, 1. (A)
- Lanham, Samuel W. T. (of Texas). Member of Board of Visitors to U. S. M. A. in 1891.
- Lansing, Arthur Breese (U. S. M. A., 1836). Died Feb. 9, 1880, aged 63. Obituary in Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Larned, Charles William (U. S. M. A., 1870). Photograph in Albums of officers' mess.
- Oil portrait (by J. C. Beckwith) in Library U. S. M. A.
- Professor of drawing, U. S. M. A., July 25, 1876, to —.
- The Battle Monument at West Point. In Amer. Arch. and Bldg. News, Dec. 13, 1870, pp. 168-169. (A)
- Letters to the Chicago Inter-Ocean from the Stanley expedition to protect the survey of Northern Pacific Railroad, 1873. Apr. 26, May 28, June 19, July 21, Aug. 19, Aug. 23, Sept. 21.
- Larned, Charles William. The clever versus the serious in art. I. Studio, Jan. 27, 1883.
- II. Studio, Feb. 17, 1883.
- Lie, as an element of modern art. Studio, Mar. 23, 1883.
- An artist's point of view. Modern art patrons, critics, and criticism. Art Interchange, Mar. 29, 1883.
- The spirit of art. Studio, May, 1883.
- French art. Studio, 1883.
- The story of a hunchback. Chicago Tribune, Nov. 29, 1884.
- The language of form. Cosmopolitan, January, 1891.
- The language of form. Address delivered before the New England Conference of Educational Workers, Boston, Apr. 10, 1891.
- Is our military training adequate? Forum, February, 1892.
- Rules for technical drawing, department of drawing, U. S. M. A. [West Point, 1892.] 1 vol., O., p. 29. (A)
- The pulpit and modern criticism. Churchman, Feb. 25, 1893.
- The spirit of complaisance. Churchman, Dec. 20, 1893.
- The church and the young man. Churchman, Feb. 9, 1895.
- An enthusiast in painting. Monthly Ill., February, 1895.
- The clergy and the young men. Churchman, Apr. 27, 1895.
- Design. Introduction to catalogue of Seventieth Annual Exhibition of the National Academy of Design. April, 1895.
- The Military Academy and the education of officers. In Jour. Mil. Serv. Inst. U. S., vol. 16 (1895), p. 320. (A)
- A lay view of the pulpit. Churchman, May 2, 1896.
- Church truancy. An address delivered before the Churchman's Club, of Providence, R. I., Nov. 4, 1896, by invitation.
- Historical sketch of the department of drawing, U. S. M. A. In Rept. Supt. U. S. M. A., 1896, pp. 24-38. (A)
- Military training. An address delivered at the annual dinner of the Brown University Club, by invitation, Feb. 24, 1897.
- The Battle Monument at West Point. Harper's Weekly, June 12, 1897. (A)
- History of the battle monument at West Point, with a list of the names of those inscribed upon and commemorated by it . . . West Point, N. Y., 1898. 1 vol., O., 237 pp. (A)
- Report upon plans for increasing the scope of the U. S. M. A., with estimates. In Rept. Board of Visitors, U. S. M. A., 1899, pp. 595-620. (A)
- The line. Introduction to catalogued exhibition of works of J. C. Beckwith, February, 1900.
- The U. S. M. A. See Scientific Amer., vol. 82, No. 25, pp. 392-393, June 23, 1900.
- The memorial hall at West Point. In Jr. Munsey, July, 1900. (A)

- Larned, Charles William.** Plan of a proposed enlargement to cadet chapel. Rept. Board of Visitors, U. S. M. A., 1900, p. 28. (A)
- West Point. *In* Internat. Monthly, April, 1901, pp. 411-443. (A)
- The modern soldier and military lessons of recent wars. *In* Internat. Monthly, April, 1902, p. 381. (A)
- Report upon the reorganization of the plant of the U. S. M. A., accompanied by estimates, map, and drawings. West Point, N. Y., 1902. 1 vol., O., 24 pp., and Atlas, F. (A)
- Comment on the Military Academy. *Jour. Mil. Serv. Inst.*, vol. 16, p. 320. (A)
- The use of tobacco at U. S. M. A. *In* Lander (M): The tobacco problem, p. xxxi. (A)
- See Lewis, Frederick Worthington; Woodyard, J. A.
- Larrabee, Adam** (of Connecticut). Member of Board of Visitors to U. S. M. A. in 1838.
- Larrabee, W. C.** (of Indiana). Member of Board of Visitors to U. S. M. A. in 1848.
- Lassiter, William** (U. S. M. A., 1889). Drill regulations for mountain artillery. . . . For the use of cadets, U. S. M. A. 1 pam., sm. [1900.] *Jour. U. S. Art.*, vol. 14, p. 212.
- Range and position finding. *Jour. U. S. Art.*, vol. 4, p. 238.
- and others. Department of tactics: Manual of instruction for the use of cadets at the U. S. M. A. (1) Mountain artillery; (2) Siege and coast artillery [jointly with E. M. Blake]; (3) Colt automatic machine gun; [(4) Shelter trenches]; (5) Tent pitching; [(6) Notes on horsemanship, by Lieut. R. L. Howze]; [(7) Rules for polo.] West Point, 1901. 1 vol., O (A)
- Lathrop, John H.** (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1851.
- Latimer, James.** Member of Board of Visitors to U. S. M. A. in 1834.
- Latrobe, John H. A.** (of Maryland). Member of Board of Visitors to U. S. M. A. in 1849.
- Laws, Dr. S. S.** (of Missouri). Member of Board of Visitors to U. S. M. A. in 1881.
- Lawson, Thomas** (of U. S. Army). Member of of Board of Visitors to U. S. M. A. in 1840 and in 1845.
- Lawton, Alexander Robert** (U. S. M. A., 1839). Died July 2, 1896, aged 78. Engraving. Owned by Assoc. Grads. U. S. M. A.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1897. (A)
- Lawton, Edward Percival** (U. S. M. A., 1885) and Medalle, P. A. Traducción castellano-visaya de Baldwin's reader. Danao, Cebu, P. I. [n. d.]. 1 vol., O., pp. 128. (A)
- Lay, George William** (U. S. M. A., 1842). Special duty. U. S. Coast Survey, Rept., 1851, p. 100; 1852, p. 67. (A)
- Lazelle, Henry Martyn** (U. S. M. A., 1855). Commandant of cadets U. S. M. A., 1879-1882. New Mexico and Arizona. 1855.
- A review of the situation 1866.
- Lazelle, Henry Martyn.** One law in nature: a new corpuscular theory comprehending unity of force. New York, 1872. 1 vol., O., pp. 219. (A)
- Gold medalist of Military Service Institution, 1883.
- Translator of Matter, force, and spirit; or Scientific evidence of a Supreme intelligence. New York, 1895. 1 vol., O. (A)
- Improvements in art of war and probable effect on future operations. *Jour. Mil. Serv. Inst.*, vol. 3, p. 307. (A)
- England in India. *Jour. Mil. Serv. Inst.*, vol. 8, p. 247. (A)
- India. *Jour. Mil. Serv. Inst.*, vol. 9, p. 355. (A)
- Lazelle, Jacob H. G.** (U. S. M. A., 1871). Died July 1, 1898, aged 49. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Lazelle, Jacob Hollingsworth Gaines** (U. S. M. A., 1892). Died July 12, 1898, aged 32. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Lea, Albert Miller** (U. S. M. A., 1851). Died Jan. 16, 1891, aged 84. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1891. (A)
- Lea, William W.** (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1854.
- Leach, Smith Stallord** (U. S. M. A., 1875). Project, plan, and estimate, etc., for the improvement of Ogdensburg, N. Y., water gauge. Rept. Chief of Eng., 1893, p. 4384. (A)
- Waddington Harbor, N. Y. Rept. Chief of Eng., 1895, p. 3242. (A)
- Missisquoi River, Vt. Rept. Chief of Eng., 1895, p. 3244. (A)
- Niantic Harbor, Conn. Rept. Chief of Eng., 1897, p. 973. (A)
- New Haven Harbor, Conn. Rept. Chief of Eng., 1897, p. 975; 1900, p. 1366. (A)
- Housatonic River, Conn. Rept. Chief of Eng., 1897, p. 980. (A)
- Southport Harbor, Conn. Rept. Chief of Eng., 1897, p. 986. (A)
- Bridgeport, Conn., harbor lines. Rept. Chief of Eng., 1897, p. 991. (A)
- Connecticut River, Conn. Rept. Chief of Eng., 1898, p. 976. (A)
- South Norwalk Harbor, Conn. Rept. Chief of Eng., 1898, p. 990. (A)
- Bridgeport Harbor, Conn. Rept. Chief of Eng., 1899, p. 1173; p. 1187. (A)
- New London, Conn., harbor lines. Rept. Chief of Eng., 1899, p. 1189; 1900, p. 1363. (A)
- New London Harbor, Conn. Rept. Rept. Chief of Eng., 1900, p. 1351. (A)
- Milford Harbor, Conn. Rept. Chief of Eng., 1900, pp. 1359, 1359. (A)
- Stamford Harbor, Conn. Rept. Chief of Eng., 1900, p. 1368. (A)
- Branford Harbor, Conn. Rept. Chief of Eng., 1901, pp. 1189, 1191. (A)
- See Boards—Mansfield, 3; Miller, 1, 2; Suter, 7. (A)
- Leadbetter, Danville** (U. S. M. A., 1836). See U. S. Coast Survey Rept., 1860, p. 88. (A)

- Leavenworth, Henry (of New York). Member of Board of Visitors to U. S. M. A. in 1831.
- [Lecomte, Henry C.] (U. S. M. A., 1863). Act of Congress, Oct 19, 1858, authorizing his admission. (A)
- Leconte, Capt. John (of U. S. Army). Member of Board of Visitors to U. S. M. A. in 1820, 1821, and 1822.
- Ledyard, Henry Brockholst (U. S. M. A., 1865). Photograph in Albums of officers' mess.
- Member of Board of Visitors to U. S. M. A., 1881.
- Lee, Alexander Nisbet (U. S. M. A., 1865). Died Oct. 31, 1879, aged 36. Obituary in Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Project, plan, estimate, etc., for the improvement of Des Moines Rapids, Mississippi River. Rept. Chief of Eng., 1866, vol. 3, p. 36; 1867, pp. 264, 273, 280, 324, 335. (C)
- Sebawaing River, Mich. Rept. Chief of Eng., 1875, vol. 1, pp. 291, 292; 1876, vol. 2, p. 537. (C)
- Lee, Fitzhugh (U. S. M. A., 1850). Engraving (by Rembrandt Engraving Company of Philadelphia) owned by Assoc. Grads. U. S. M. A.
- Member of Board of Visitors to U. S. M. A. in 1885.
- General [Robert E.] Lee . . . 1 vol., O. 1891. [Great commanders.] (A)
- and Wheeler, Joseph (U. S. M. A., 1859). Cuba's struggle against Spain with . . . the Spanish American war . . . A story of Santiago by Gov. . . . Roosevelt, and a description of the destruction of the *Maine*, by Commander Richard Wainwright . . . New York, 1899. 1 vol., O. (A)
- Lee, George Washington Custis (U. S. M. A., 1854). Engraving (by J. J. Cade) owned by Assoc. Grads. U. S. M. A.
- Memorial relative to Arlington. No. 1584, doc. 96. (C)
- See U. S. Coast Survey Rept., 1857, pp. 82, 86. (A)
- Lee, H. W. (of Iowa). Member of Board of Visitors to U. S. M. A. in 1865.
- Lee, John Fitzgerald (U. S. M. A., 1834). Died June 17, 1884, aged 71. Obituary in Ann. Assoc. Grads. U. S. M. A., 1885. (A)
- Reports as Judge-Advocate-General, U. S. Army, 1849-1862.
- Lee, Richard Bland (U. S. M. A., 1817). Died Aug. 2, 1875, aged 76. Obituary in Ann. Assoc. Grads. U. S. M. A., 1876. (A)
- Lee, Robert Edward (U. S. M. A., 1829). Died Oct 12, 1870, aged 64. Oil portrait (by J. A. Elder). In Corcoran Gallery, Washington, D. C.
- Portrait (enlarged from a small photograph taken 18—? in the uniform of the U. S. Army). In the office of the Superintendent U. S. M. A.
- Oil painting [as Superintendent U. S. M. A., —?]. Owned by his son, Capt. R. E. Lee, West Point, Va. (1902). [A small copy of the above owned by the Va. Hist. Soc., Richmond, Va.]
- Lee, Robert Edward. Engraving. Owned by Assoc. Grads. U. S. M. A.
- Steel engraving (in the uniform of a colonel of engineers, U. S. Army, by A. H. Ritchie) in Library U. S. M. A.
- Photograph in Albums of officers' mess. Also framed photograph as Supt. U. S. M. A.
- Daguerreotype (as yet unpublished) of about 1860 (?). Owned by Va. Hist. Soc., Richmond, Va. (1902).
- Statue (by Mercie). Richmond, Va.
- Bronze statue (by Alex. Doyle). In New Orleans, La.
- Recumbent marble statue (by Edward Valentine). In the chapel of Washington and Lee University, Lexington, Va.
- Statue. On Confederate monument, Augusta, Ga.
- Equestrian statue. Atlanta, Ga.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1871; Harper's New Monthly Mag., vol. 42 (1870), p. 153. (A)
- Member of Board of Visitors (Inspection) to U. S. M. A. in 1844.
- Ninth Superintendent from Sept. 1, 1852, to Mar. 31, 1855. Reports as Superintendent U. S. M. A., 1852-1855.
- Gen. Robert E. Lee. Biography. Harper's New Monthly Mag., vol. 30 (1865), p. 714. (A)
- Reconstruction. Testimony . . . before the Congressional committee . . . New York, 1866. 1 pam., O. (A)
- Last campaign. Capt. J. C. G. Raleigh, 1866. In War Dept. Library.
- Photographic copy of the agreement for the surrender of Lee's army at Appomattox Court-House, Va., 1865. The bail bond of Mr. Jefferson Davis. 1867. In Q. cover. (A)
- Robert E. Lee and his generals (by W. P. Snow). 1867. In War Dept. Library.
- Robert E. Lee and his lieutenants (by E. A. Pollard). 1867. In War Dept. Library.
- [Pollard, E. A.] Early life, campaigns, and public services of Robert E. Lee . . . New York, 1871. 1 vol., O. (A)
- Life of Robert E. Lee (by J. E. Cook). 1871. In War Dept. Library.
- Campaigns of Robert E. Lee. Address before Washington and Lee University (by J. A. Early). Baltimore, 1872. 54 pp. In War Dept. Library.
- Personal reminiscences of Robert E. Lee (by J. W. Jones). New York, 1874. xvi, 509 pp. In War Dept. Library.
- Boissonnas (Mme. B.): Un vaincu: souvenirs du général Robert Lee. 3d éd. Paris, 1875. 1 vol., O. (A)
- Childe (Edw. L.): Life and campaigns of General Lee . . . 1 vol., O. 1875. (A)
- Four years with Lee (by W. H. Taylor). 1877. In War Dept. Library.
- Statue to Robert E. Lee at New Orleans. Address, C. E. Fenniar. 1884. In War Dept. Library.
- Memoirs of Robert E. Lee, his military and personal history; together with incidents

- relating to his private life subsequent to the war, collected and edited by Armistead L. Long, with the assistance of Marcus J. Wright. New York, 1886.
- Lee, Robert Edward. Sherman (W. T.): Grant, Thomas, Lee. *In* North Amer. Rev., vol. 144, May, 1887. (A)
- Monument to Robert E. Lee; history of movement. So. Hist. Soc. Papers, vol. 17, 1889. *In* War Dept. Library.
- Sweeney (Talbot): A vindication from a Northern standpoint of Gen. Robert E. Lee and his fellow-officers who left the U. S. Army and Navy in 1861. . . . 1 pam., O. 1890. *In* War Dept. Library. (A)
- Dedication of monument to, at Richmond. Address (by A. Anderson). 1890. *In* War Dept. Library.
- Robert E. Lee and the question of treason (by T. Sweeney). 1890. *In* War Dept. Library.
- Robt. E. Lee (by Jefferson Davis). *In* North Amer. Rev., vol. 150 (1890). (A)
- General Lee; by his nephew and cavalry commander, Maj. Gen. Fitzhugh Lee. [Great commanders.] New York, 1893. 1 vol., O.
- Robert E. Lee (1807-1870) and the Southern Confederacy (by Henry Alexander White). [Heroes of the nations.] New York, 1897. xiii, 467 pp. *In* War Dept. Library.
- Robert E. Lee (by William Peterfield Trent). [Beacon biographies.] Boston, 1899.
- Camp fires of Robert E. Lee (by E. S. Ellis). [n. d.] *In* War Dept. Library.
- A Canadian's estimate of Robert E. Lee (by T. V. Moberly). So. Hist. Soc. Papers, vol. 17. *In* War Dept. Library.
- Sketch of Robert E. Lee (by C. H. Anson). M. O. L. L. U. S., Wisconsin War papers. *In* War Dept. Library.
- Invasion of Pennsylvania by Lee; claims. No. 1656, doc. 41. (C)
- An interview with Gen. Robert E. Lee (by John Leyburn). Century Mag., vol. 30, p. 166.
- Robert E. Lee and Longstreet (by W. H. Taylor). So. Hist. Soc. Papers, vol. 24, pp. 13-79. *In* War Dept. Library.
- *In* Father's talk about three great characters. *In* War Dept. Library.
- Lee, Roswell Walter (U. S. M. A., 1833). Died Dec. 20, 1873, aged 63. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1874. (A)
- Lee, Stephen (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1855.
- Lee, Thomas Jefferson (U. S. M. A., 1830). Died Dec. 30, 1891, aged 83. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1892. (A)
- Member of Board of Visitors to U. S. M. A. in 1859.
- Astronomical observations, sec. 1, p. 8; Astronomical and magnetic observations, Taylor's Abingdon, p. 20. U. S. Coast Survey Rept., 1845. (A)
- Latitude and magnetic observations, Cape Ann, pp. 8, 9; Eclipses and latitude, Marriott's, pp. 19, 20; Magnetic observations, sec. 2, p. 16; sec. 3, p. 20. U. S. Coast Survey Rept., 1846. (A)
- Lee, Thomas Jefferson. On the use of the zenith and equal altitude telescope, in the determination of the latitude. 1 pam., O. 1848. Topogr. Bureau, War. Dept. (A)
- Determines disagreeing stars, West Point mural circle, pp. 29, 30; Computations, p. 55. U. S. Coast Survey Rept., 1848. (A)
- Collection of tables and formulae useful in geodesy and practical astronomy. . . . Washington, 1849. 1 vol., O. (A)
- Reduces West Point observations, pp. 25, 54; Is detached, value of services, pp. 25, 26. U. S. Coast Survey Rept., 1849. (A)
- Southern boundary of Maryland. Baltimore, 1860.
- Charge of drawing division, pp. 22, 73, 75; Report on occupation of draughtsmen, pp. 144-149. U. S. Coast Survey Rept., 1861. (A)
- Tracing a parallel of latitude. Essayons Club Papers, No. 101. 1869. (A)
- Lee, Thomas Jefferson (U. S. M. A., 1857). Died Nov. 28, 1888, aged 54. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Lee, William (of Washington). Member of Board of Visitors to U. S. M. A. in 1829. (A)
- Leggett, Wells Wilner (U. S. M. A., 1809). Died May 14, 1891, aged 44. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1891. (A)
- Leiber, F. (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1838.
- Leiper, W. J. (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1835.
- Lemly, Henry Rowan (U. S. M. A., 1872). Arrapahoes. Harper's New Monthly Mag., vol. 60 (1880), p. 494. (A)
- Santa Fé de Bogotá. Harper's New Monthly Mag., vol. 72 (1885), p. 47. (A)
- The story of Feather Head. Harper's New Monthly Mag., vol. 72 (1886), p. 899.
- Changes wrought in artillery in the nineteenth century and their effect upon the attack and defence of fortified places. 1886. 1 pam., O. See Art. School U. S. Translator—See Upton (E.): Táctica de infantería. (A)
- A West Point romance. *In* Outing, February, 1887, pp. 466-468. (A)
- Translation of Fix: Manual of strategy. Washington, 1889. 1 vol., O. (A)
- New system of written accentuation prescribed by the Royal Academy of Spain. 1 pam., O. 1890. (A)
- A Queen's thoughts.
- translator. Ejercicios gimnásticos.
- translator. El heliógrafo.
- Padre Anselmo.
- Uncle 'Man.
- translator. Upton's Infantry regulations.
- Who was El Dorado?
- Leoser, Charles McKnight (U. S. M. A., 1861). Died Feb. 23, 1896, aged 57. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Leslie, Charles R. Engraving owned by Assoc. Grads. U. S. M. A.
- Teacher of drawing, U. S. M. A., 1833-34.

- Leslie, Charles R. Letter of Washington Irving urging his appointment. *Life and Letters of Irving*, vol. 3, p. 47. (A)
- Leslie, Thomas Jefferson (U. S. M. A., 1815). Died Nov. 25, 1874, aged 77. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1875; *Harper's New Monthly Mag.*, vol. 50 (1875), p. 451. (A)
- Treasurer U. S. M. A., Oct. 31, 1816, to Dec. 11, 1841.
- Lester, Charles Harris (U. S. M. A., 1863). Died Oct. 27, 1890, aged 57. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Levins, Thomas C. (of the District of Columbia). Member of Board of Visitors to U. S. M. A. in 1824 and in 1827.
- Lewis, Dixon H. (of Alabama). Member of Board of Visitors to U. S. M. A. in 1847.
- Lewis, Ellis (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1837.
- Lewis, Edward Mann (U. S. M. A., 1886). Discipline—Its importance, etc. *Jour. Mil. Serv. Inst. U. S.*, vol. 28, p. 323.
- Lewis, Frederick Worthington (U. S. M. A., 1890). Map of West Point showing modifications and additions . . . to accompany the report of Prof. C. W. Larned (1901). Topographical map in colors. Scale, 1 inch to 125 feet.
- Lewis, Rev. James (of Michigan). Member of Board of Visitors to U. S. M. A. in 1878.
- Lewis, Louis Hoffman (U. S. M. A., 1895). Died July 1, 1898, aged 26. *Obituary and portrait in Ann. Assoc. Grads. U. S. M. A.*, 1899. (A)
- Lewis, William Henry (U. S. M. A., 1849). Died Sept. 28, 1878, aged 48. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1879. (A)
- Leyden, James Alexander (U. S. M. A., 1879). Died Apr. 10, 1897, aged 41. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1897. (A)
- Register of commissioned officers of the Fourth Infantry, from 1796 to 1894 . . . [n. p., 1894.] 1 pam. O. (A)
- History of the Fourth Regiment of Infantry. *Hist. U. S. Army*, pp. 452-465. (A)
- , translator. Vulnerability and artillery fire. *Jour. Mil. Serv. Inst.*, vol. 17, p. 139. (A)
- Infantry attack formations. *Jour. Mil. Serv. Inst.*, vol. 19, p. 90. (A)
- Lieber, Guido Norman. Professor of law, U. S. M. A., 1878-1882.
- Lillie, Maj. John. In command of West Point June 17 to Sept. 22, 1801; buried at West Point. "An active agent in founding the Military Academy, 1801." Pierce (E. L.); Maj. John Lillie, p. 33. (A)
- Lincoln, Dr. N. S. (of the District of Columbia). Member of Board of Visitors to U. S. M. A. in 1880.
- Linden, Henry St. James (U. S. M. A., 1825). Died Aug. 10, 1836, aged 34. *Military manual*, 1830.
- Lindsay, R. B. (of Alabama). Member of Board of Visitors to U. S. M. A. in 1857.
- Lindsey, Col. John W. (of Georgia). Member of Board of Visitors to U. S. M. A. in 1802.
- Lindsley, Philip. Member of Board of Visitors to U. S. M. A. in 1834.
- Lissak, Ormond Mitchell (U. S. M. A., 1882). Wire, tinned, report of manufacture of, steel. *Rept. Chief of Ord.*, 1890, p. 309. (C)
- Report of tests on black and smokeless powders, Benicia Arsenal. *Rept. Chief of Ord.*, 1894. (C)
- Report of operations in Division of Cuba. *Rept. Chief of Ord.*, 1900. (C)
- translator. Study of the action of powder in a 10-centimeter cannon. *Notes Constr. Ord. No. 62*, vol. 3, p. 1. (A)
- Little, John (U. S. M. A., 1885). Died July 28, 1900, aged 39. *Obituary and portrait in Ann. Assoc. Grads. U. S. M. A.*, 1901. (A)
- Litton, Abm. (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1839.
- Livermore, William Roscoe (U. S. M. A., 1865). Project, plan, estimate, etc., for the improvement of Falmouth Harbor, Mass. *Rept. Chief of Eng.*, 1887, p. 568. (C)
- Vineyard Haven Harbor, Mass. *Rept. Chief of Eng.*, 1887, p. 579. (C)
- New Bedford Harbor, Mass. *Rept. Chief of Eng.*, 1888, pp. 514, 515; 1892, p. 610. (C)
- Taunton River, Mass. *Rept. Chief of Eng.*, 1888, p. 518. (C)
- bridge between Somerset and Fall River. *Rept. Chief of Eng.*, 1888, p. 2659. (C)
- Point Judith, R. I. *Rept. Chief of Eng.*, 1889, p. 43; 1890, p. 595. (C)
- Westport Harbor, Mass. *Rept. Chief of Eng.*, 1889, p. 646; 1891, p. 706. (C)
- Fishing Place Cove, near Seaconnet Point, R. I. *Rept. Chief of Eng.*, 1889, p. 649. (C)
- Greenwich Bay, R. I. *Rept. Chief of Eng.*, 1889, p. 651; 1891, p. 717; 1892, p. 623. (C)
- Marthas Vineyard, inner and outer harbor at Edgartown, Mass. *Rept. Chief of Eng.*, 1890, p. 586; 1891, p. 698; 1892, p. 603. (C)
- Coaster Harbor Island, R. I. *Rept. Chief of Eng.*, 1890, p. 591. (C)
- Narragansett Bay, at the mouth of Narrow River. *Rept. Chief of Eng.*, 1890, p. 597. (C)
- Watch Hill Cove, R. I. *Rept. Chief of Eng.*, 1891, p. 735. (C)
- Newport Harbor, R. I. *Rept. Chief of Eng.*, 1891, p. 739. (C)
- Menemsha Bite (Bight), Mass. *Rept. Chief of Eng.*, 1892, p. 645. (C)
- Canapitsit Channel, Mass. *Rept. Chief of Eng.*, 1892, p. 647. (C)
- Report upon fog-signal experiments. 1 pam., O. Light-House Board, Report, 1894, app. 5.
- Military surveys and reconnaissance, and map duplicating in the field. *Oper. Div. Mil. Eng. Int. Cong. Eng.*, 1894, p. 753. *In Chicago Exposition*, 1893, *Int. Cong. Eng. Oper. Div. Mil. Eng.* (A)
- Military and naval maneuvers. *Jour. Mil. Serv. Inst.*, vol. 9, p. 411. (A)
- The modern battle and the effect of new weapons. *Jour. U. S. Art.*, vol. 16, pp. 174, 271.

Livermore, William Roscoe. Texas, southwestern, military map, 1881. Topographical map.
 — Texas, western, 1883-1884. Topographical map.
 — See Boards—Abbot, 5, 15; Mansfield, 3; Warren, 11. (A)
Lloyd, Edward (of Maryland). Member of Board of Visitors to U. S. M. A. in 1847.
Loan, B. F. (of Missouri). Member of Board of Visitors to U. S. M. A. in 1869.
Lochridge, P. D. (U. S. M. A. 1887). Employment of cavalry in war. Jour. Cav. Assoc., 1813, p. 223. (A)
 — Contact squadrons. Jour. Cav. Assoc., 1899, p. 127. (A)
Locke, Joseph Lorenzo (U. S. M. A., 1828). Died Oct. 5, 1864, aged 50. Editor Savannah Republican, 1840-1853.
Lockett, Samuel Henry (U. S. M. A., 1859). Died Oct. 12, 1891, aged 54. Obituary in Ann. Assoc. Grads. U. S. M. A., 1892. (A)
Lockwood, Daniel Wright (U. S. M. A., 1869). Project, plan, estimate, etc., for the improvement of Black Lake Harbor, Mich. Rept. Chief of Eng., 1866, vol. 4, p. —. (C)
 — Portage Lake, Manistee County, Mich. Rept. Chief of Eng., 1884, p. 1975. (C)
 — Pentwater Harbor, Mich. Rept. Chief of Eng., 1884, p. 1980. (C)
 — White River Harbor, Mich. Rept. Chief of Eng., 1884, p. 1982. (C)
 — Cross Village Harbor, Mich. Rept. Chief of Eng., 1884, pp. 1997, 1998. (C)
 — Lindington Harbor, Mich. Rept. Chief of Eng., 1884, p. 2001; 1885, pp. 2029, 2091, 2093. (C)
 — Little Traverse Bay, Mich. Rept. Chief of Eng., 1885, p. 2095. (C)
 — Grand River below Grand Rapids, Mich. Rept. Chief of Eng., 1887, p. 2207. (C)
 — Pigeon River, Mich. Rept. Chief of Eng., 1887, p. 2208. (C)
 — Carp River, Mich. Rept. Chief of Eng., 1887, p. 2209. (C)
 — Empire, Lake Michigan. Rept. Chief of Eng., 1887, p. 2210. (C)
 — bridge near St. Joseph, Mich. Rept. Chief of Eng., 1888, pp. 2585, 2586. (C)
 — Green River and tributaries, Ky. Rept. Chief of Eng., 1889, pp. 263, 1965; 1891, p. 2482. (C)
 — Big Sandy River, W. Va. and Ky. Rept. Chief of Eng., 1889, p. 1092; 1891, p. 2476. (C)
 — Rough River, Ky. Rept. Chief of Eng., 1891, p. 2448. (C)
 — Big Barren River, Ky. Rept. Chief of Eng., 1891, p. 2475. (C)
 — Licking River, Ky. Rept. Chief of Eng., 1893, p. 2645; 1895, p. 2514. (A)
 — Big Sandy River, Ky., from its junction with the Ohio to the crossing of the Big Sandy by the Chesapeake and Ohio Railroad bridge. Rept. Chief of Eng., 1893, p. 2647. (A)

Lockwood, Daniel Wright. Project, plan, estimate, etc., for the improvement of Needle dam, on the Big Sandy River, near Louisa Ky. Rept. Chief of Eng., 1894, p. 1669. (A)
 — Guyandotte River, W. Va. Rept. Chief of Eng., 1895, p. 2518. (A)
 — Tarpaunin Cove, Nantuxon Island, Mass. Rept. Chief of Eng., 1896, p. 668. (A)
 — harbor at Wareham, Mass. Rept. Chief of Eng., 1896, p. 670. (A)
 — New Bedford Harbor, Mass. Rept. Chief of Eng., 1896, p. 672; 1900, pp. 1295, 1317. (A)
 — harbor at Block Island, R. I. Rept. Chief of Eng., 1896, p. 674. (A)
 — Pawtucket River, R. I. and Conn. Rept. Chief of Eng., 1896, p. 676. (A)
 — Stonington Harbor, Conn. Rept. Chief of Eng., 1896, p. 679. (A)
 — channel through Conanicut Island, Narragansett Bay, R. I. Rept. Chief of Eng., 1897, p. 929. (A)
 — channel in New Bedford Harbor, Mass. Rept. Chief of Eng., 1897, p. 930. (A)
 — Mount Hope Bay and Fall River Harbor, Mass. Rept. Chief of Eng., 1897, p. 932. (A)
 — Sakonnet Point, R. I. Rept. Chief of Eng., 1897, p. 935. (A)
 — Point Judith Harbor of Refuge, R. I. Rept. Chief of Eng., 1897, p. 937. (A)
 — Herring River, Mass. Rept. Chief of Eng., 1898, p. 933. (A)
 — Salt Pond, Mass. Rept. Chief of Eng., 1898, p. 934. (A)
 — Point Judith, R. I. Rept. Chief of Eng., 1898, p. 936. (A)
 — Great Salt Pond, R. I. Rept. Chief of Eng., 1900, p. 1276. (A)
 — Bass River Harbor, Mass. Rept. Chief of Eng., 1900, p. 1282. (A)
 — Hyannis Harbor, Mass. Rept. Chief of Eng., 1900, pp. 1284, 1286. (A)
 — Cotuit Harbor, Mass. Rept. Chief of Eng., 1900, p. 1287. (A)
 — Vineyard Haven, Mass. Rept. Chief of Eng., 1900, p. 1289. (A)
 — Cottage City, Mass. Rept. Chief of Eng., 1900, p. 1293. (A)
 — Westport Point Harbor, Mass. Rept. Chief of Eng., 1900, p. 1298. (A)
 — Assonet River, Mass. Rept. Chief of Eng., 1900, p. 1300. (A)
 — Pawtucket River, R. I. Rept. Chief of Eng., 1900, pp. 1302, 1304; 1901, p. 1152. (A)
 — Providence Harbor and River, R. I. Rept. Chief of Eng., 1900, pp. 1307, 1308. (A)
 — harbor lines, Mount Hope Bay, Fall River, Mass. Rept. Chief of Eng., 1900, p. 1311. (A)
 — Sakonnet Harbor, R. I. Rept. Chief of Eng., 1901, p. 1145. (A)
 — Narragansett Bay, R. I. Rept. Chief of Eng., 1901, p. 1155. (A)
 — and Wheeler, George Montague (U. S. M. A., 1866). Preliminary report upon a reconnaissance through southern and southeastern

- Nevada made in 1869. Washington, 1875. Q. Explorations and Surveys. (A)
- Lockwood, Daniel Wright.** See Boards—Allen, 1; Craighill, 21, 25; Mansfield, 3; Miller, 1, 2; Poe, 4; Robert, 19; Stickeney, 2, 3, 4; Suter, 7. (A)
- Lockwood, Henry Hall** (U. S. M. A., 1836). Died Dec. 7, 1899, aged 85. Obituary in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Exercises in small arms.
- Manual of naval batteries.
- Loder, Samuel Howard** (U. S. M. A., 1877). Died June 30, 1879, aged 23. Obituary in Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Loefer, Lucien** (U. S. M. A., 1842). Died Mar. 6, 1897, aged 79. Obituary in Ann. Assoc. Grads. U. S. M. A., 1897. (A)
- Lofland, James R.** (of Delaware). Member of Board of Visitors to U. S. M. A. in 1862.
- Logan, John A.** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1870.
- Lomia, Luigi** (U. S. M. A., 1867). Photograph in Albums of officers' mess.
- translator. *Artigleria and Genio.* Jour. Mil. Serv. Inst., vol. 5, p. 226. (A)
- translator. Target practice at Berndorf, p. 120; French field artillery, p. 385. Jour. Mil. Serv. Inst., vol. 10. (A)
- London, Robert** (U. S. M. A., 1873). Died Dec. 12, 1892, aged 42. Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Long, Armistead Lindsay** (U. S. M. A., 1850). Died Apr. 20, 1891, aged 64. Obituary in Ann. Assoc. Grads. U. S. M. A., 1891. (A)
- Memoirs of Robert E. Lee . . . 1 vol., O. 1886. (A)
- Long, John Osmond** (U. S. M. A., 1854). Died Apr. 3, 1875, aged 42. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Long, Oscar Fitzaland** (U. S. M. A., 1876). History of the Quartermaster's Department. Hist. U. S. Army, pp. 38-60. (A)
- Long.** See Boards—Kearney, 1. (A)
- Longstreet, James** (U. S. M. A., 1842). Died 1904. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Autograph letter dated Dec. 3, 1874, referring to the charge at Gettysburg July 3, 1863, which he disapproved. MS. (A)
- From Manassas to Appomattox. Memoirs of the civil war in America . . . 1 vol., O. 1866. (A)
- Lee and Longstreet at high tide (by Mrs. Helen Dortch Longstreet). 1 vol., O. 1904.
- The seven days' fighting about Richmond. Century Mag., vol. 30, p. 468.
- Loomis, Gustavus** (U. S. M. A., 1811). Died Mar. 5, 1872, aged 83. Obituary in Ann. Assoc. Grads. U. S. M. A., 1872. (A)
- Lorain, Lorenzo** (U. S. M. A., 1856). Died Mar. 6, 1882, aged 52. Obituary in Ann. Assoc. Grads. U. S. M. A., 1882. (A)
- Instruction in photography. Art. School, U. S. 1882. (A)
- Photographic processes and gunpowder analysis. Ord. Note 181, vol. 6. (A)
- Lord, James Henry** (U. S. M. A., 1862). Died Feb. 21, 1896, aged 56. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Love, John** (U. S. M. A., 1841). Died Jan. 29, 1881, aged 61. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Lovell, Louis S.** (of Michigan). Member of Board of Visitors to U. S. M. A. in 1872.
- Lovell, Mansfield** (U. S. M. A., 1842). Died June 1, 1884, aged 61. Obituary in Ann. Assoc. Grads. U. S. M. A., 1884; Harper's New Monthly Mag., vol. 69 (1874), p. 482. (A)
- Loveridge, Wilbur** (U. S. M. A., 1880). Died June 3, 1892, aged 36. Obituary in Ann. Assoc. Grads. U. S. M. A., 1892. (A)
- Lovering, Leonard Austin** (U. S. M. A., 1876). Photograph in Albums of officers' mess
- Low, William Hall, jr.** (U. S. M. A., 1872). Died July 24, 1886, aged 38. Obituary in Ann. Assoc. Grads. U. S. M. A., 1887. (A)
- Lowe, William Warren** (U. S. M. A., 1853). Died May 18, 1898, aged 69. Obituary in Ann. Assoc. Grads. U. S. M. A., 1898. (A)
- Lowndes, Rawlins** (U. S. M. A., 1820). Died Aug. 10, 1877, aged 76. Obituary in Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Lowry, John J.** (of Missouri). Member of Board of Visitors to U. S. M. A. in 1856.
- Lowry, S. B.** (of Minnesota). Member of Board of Visitors to U. S. M. A. in 1859.
- Lucas, Eugene Willett Van C.** (U. S. M. A., 1887). Project, plan, estimate, etc., for the improvement of Ocracoke Inlet, N. C. Rept. Chief of Eng., 1894, pp. 1005, 1016. (A)
- Scuppernon River, N. C. Rept. Chief of Eng., 1895, p. 1363; 1901, pp. 1541, 1543. (A)
- South Creek, N. C. Rept. Chief of Eng., 1895, p. 1369. (A)
- Cape Lookout Harbor of Refuge, N. C. Rept. Chief of Eng., 1895, p. 1379. (A)
- Alligator River, N. C. Rept. Chief of Eng., 1895, p. 1385. (A)
- waterway from Albemarle Sound, N. C., to Beaufort Inlet. Rept. Chief of Eng., 1901, pp. 1517, 1529. (A)
- Trent River, N. C. Rept. Chief of Eng., 1901, pp. 1546, 1550. (A)
- Wilmington Harbor and Cape Fear River, N. C. Rept. Chief of Eng., 1901, pp. 1554, 1557. (A)
- establishment of harbor lines in Pamlico River, N. C. Rept. Chief of Eng., 1901, pp. 1570, 1571. (A)
- estimate of storm damages, Fort Caswell, N. C. Rept. Chief of Eng., 1900, p. 900. (A)
- See Board—Ruffner, 1. (A)
- Luckie, L. B.** (of Arkansas). Member of Board of Visitors to U. S. M. A. in 1854.
- Lucky, S. J. W.** (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1866.
- Ludlow, Henry Hunt** (U. S. M. A., 1876). Photograph in Albums of officers' mess.
- Subscales, including Verniers. New York, 1882. 1 vol., O., pp. 16. (A)
- Elements of trigonometry . . . with logarithmic and other tables . . . with the coop-

- eration of Edgar W. Bass, professor U. S. M. A., 3d ed., 1st thousand. New York, 1893. 1 vol. O. [Title of tables: Logarithmic, trigonometric, and other mathematical tables . . . 2d ed., 2d thousand. 1895.] (A)
- Ludlow, Henry Hunt. Effect of wind on the flight of projectiles, Didion's formula. Ord. Note, 191, vol. 6, p. 2. (A)
- Review of Metcalfe's Ordnance and gunnery U. S. M. A. Jour. Mil. Serv. Inst., vol. 13, p. 1247. (A)
- Comment on Whistler's Graphic tables of fire. Jour. Mil. Serv. Inst., vol. 14, p. 348. (A)
- Comment on Kingman's Right turn in infantry drill regulations. Jour. Mil. Serv. Inst., vol. 17, p. 186. (A)
- Ludlow, William (U. S. M. A., 1864). Project, plan, estimate, etc., for the improvement of Savannah River and Harbor, Ga. Rept. Chief of Eng., 1872, p. 659. (C)
- Charleston Harbor, S. C. Rept. Chief of Eng., 1872, p. 652; 1874, vol. 1, p. 76; 1874, vol. 2, pp. 3, 4, 5; 1875, p. 579; 1875, vol. 1, p. 82; 1875, vol. 2, p. 29; 1877, p. 67. (C)
- Shrewsbury River, N. J. Rept. Chief of Eng., 1879, pp. 409, 411, 412. (C)
- Delaware Breakwater, Del. Rept. Chief of Eng., 1879, pp. 460, 491; 1882, p. 792; 1886, p. 119. (C)
- Newton Creek, N. J. Rept. Chief of Eng., 1882, p. 805. (C)
- Mantua Creek, N. J. Rept. Chief of Eng., 1882, p. 806. (C)
- Maurice River, N. J. Rept. Chief of Eng., 1882, p. 811; 1885, p. 868; 1887, p. 86; 1892, p. 938. (C)
- Murder-Kill Creek, Del. Rept. Chief of Eng., 1882, p. 818. (C)
- Frankford Creek, Pa. Rept. Chief of Eng., 1882, p. 823; 1884, p. 811; 1887, p. 799. (C)
- Indian River, Del. Rept. Chief of Eng., 1882, p. 833; 1883, p. 650; 1887, p. 835. (C)
- Saugatuck Harbor, Mich. Rept. Chief of Eng., 1889, p. 2204. (C)
- Manistee Harbor, Mich. Rept. Chief of Eng., 1890, pp. 2617, 2619; 1891, p. 2679. (C)
- Ludington Harbor, Mich. Rept. Chief of Eng., 1890, p. 2622. (C)
- Grand Haven Harbor, Mich. Rept. Chief of Eng., 1890, p. 2651. (C)
- Petoskey Harbor, Mich. Rept. Chief of Eng., 1890, p. 2675; 1891, p. 2671. (C)
- Black Lake (Holland) Harbor, Mich. Rept. Chief of Eng., 1891, p. 2697. (C)
- Pentwater Harbor, Mich. Rept. Chief of Eng., 1892, p. 2330. (C)
- Muskegon Harbor, Mich. Rept. Chief of Eng., 1892, p. 2336. (C)
- St. Joseph's Harbor, Mich. Rept. Chief of Eng., 1892, p. 2360. (C)
- Hammond Bay, Lake Huron, Mich., at the mouth of Oquoc River. Rept. Chief of Eng., 1893, p. 2948. (A)
- Sebawaing River, Saginaw Bay, Mich. Rept. Chief of Eng., 1893, p. 2950. (A)
- Ludlow, William. Project, plan, estimate, etc., for the improvement of Pine River at St. Clair City, Mich. Rept. Chief of Eng., 1893, p. 2954. (A)
- Belle River, Marine City, Mich. Rept. Chief of Eng., 1893, p. 2956. (A)
- harbor lines on Black River at Port Huron, Mich. Rept. Chief of Eng., 1893, p. 2959. (A)
- Breakwater construction in Lake Champlain. Rept. Chief of Eng., 1893, p. 3210. (A)
- New York Harbor, N. Y. Rept. Chief of Eng., 1899, p. 1281. (A)
- Report of a reconnaissance from Carroll, Mont., on the upper Missouri, to the Yellowstone National Park and return, made in the summer of 1875. Washington, 1876. Q. [Engineer Dept., U. S. A.] (A)
- Chief Engineer of the Philadelphia water department, annual report of, for the year 1883, O., pp. 380. Philadelphia, 1884.
- The military systems of Europe and America. North Amer. Rev., vol. 100 (1895), p. 72. (A)
- Upper Geyser Basin. Topographical map.
- See Boards—Ludlow; Macomb, 35; Poe, 17; Robert, 16, 17, 18.
- See Havana, Dept. of, annual report of general commanding, 1899-1900.
- Lugenbeel, Pinckney (U. S. M. A., 1840). Died Mar. 18, 1886, aged 66. Obituary in Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- Lummis, Prof. W. D. F. (of Iowa). Member of Board of Visitors to U. S. M. A. in 1888.
- Lundeen, John August (U. S. M. A., 1873). Photograph in Albums of officers' mess.
- Examples and exercises in analytical geometry, selected and arranged . . . U. S. M. A., Press, 1889. 1 pam., O., 24 pp. (A)
- Description of a 20 mm. subcaliber rifle tube. [Translation.] Jour. U. S. Art., vol. 8, p. 329.
- Lusk, James Loring (U. S. M. A., 1878). Photograph in Albums of officers' mess.
- Adjutant U. S. M. A., Sept. 8, 1881 to Aug. 28, 1882.
- Instructor of practical military engineering, U. S. M. A., 1893-1898.
- Historical sketch of the department of practical military engineering U. S. M. A. In Rept. Supt. U. S. M. A., 1896, pp. 171-175. (A)
- General Orders and circulars, headquarters, Corps of Engineers and office of the Chief of Engineers, in force Apr. 16, 1900, and index. Washington, 1900. 1 vol., O. (A)
- See Commission—Marshall, 1, 2. (A)
- Lydecker, Garrett J. (U. S. M. A., 1864). Photograph in Albums of officers' mess.
- Project, plan, estimate, etc., for the improvement of Chicago Harbor, Ill. Rept. Chief of Eng., 1877, p. 894; 1878, p. 1185; 1879, pp. 158, 1556, 1561, 1562. (C)
- Illinois River. Rept. Chief of Eng., 1879, pp. 158, 1571. (C)

- Lydecker, Garrett J. Plan, project, estimate, etc., for the improvement of Calumet Harbor, Ill. Rept. Chief of Eng., 1879, p. 1509. (C)
- Wolf Lake Outlet, Ind. Rept. Chief of Eng., 1880, p. 2000. (C)
- Calumet River, Ill. and Ind. Rept. Chief of Eng., 1884, p. 1052. (C)
- Washington, D. C. Rept. Chief of Eng., 1884, p. 2301. (C)
- Potomac River. Rept. Chief of Eng., 1885, p. 2499; 1887, p. 2565. (C)
- Little Wabash River, Ill. Rept. Chief of Eng., 1893, p. 2570. (A)
- Embarras River, Ill. Rept. Chief of Eng., 1893, p. 2573. (A)
- Saugatuck Harbor, Mich. Rept. Chief of Eng., 1894, p. 2204. (A)
- Harbor line St. Joseph Harbor, Mich. Rept. Chief of Eng., 1894, p. 2260. (A)
- Cheboygan Harbor, Mich. Rept. Chief of Eng., 1895, p. 2825. (A)
- Kalamazoo River, Mich. Rept. Chief of Eng., 1895, p. 2842. (A)
- Kawkawlin River, Mich. Rept. Chief of Eng., 1895, p. 2846. (A)
- Tittabawassee River, Mich. Rept. Chief of Eng., 1895, p. 2849. (A)
- Shiawassee River, Mich. Rept. Chief of Eng., 1895, p. 2852. (A)
- Clinton River, Mich. Rept. Chief of Eng., 1895, p. 2857. (A)
- Sebawaing River, Mich. Rept. Chief of Eng., 1896, p. 2743. (A)
- Pine River, Mich. Rept. Chief of Eng., 1896, p. 2745. (A)
- Belle River, Mich. Rept. Chief of Eng., 1896, p. 2746. (A)
- Huron River, Mich. Rept. Chief of Eng., 1897, p. 3035. (A)
- Saginaw, Shiawassee, Bad, and Flint rivers, Mich. Rept. Chief of Eng., 1898, p. 2579. (A)
- Rouge River, Mich. Rept. Chief of Eng., 1898, p. 2606. (A)
- Mackinac Harbor, Mich. Rept. Chief of Eng., 1900, p. 4008. (A)
- Cheboygan Harbor, Mich. Rept. Chief of Eng., 1900, p. 4012. (A)
- waters connecting Lakes Superior and Huron, including Hay Lake Channel, St. Mary's River. Rept. Chief of Eng., 1901, p. 3201. (A)
- St. Clair Flats Canal, Mich. Rept. Chief of Eng., 1901, pp. 3204, 3206. (A)
- Commerce passing St. Marys Falls Canal, Mich. and Ont., during 1896. Rept. Chief of Eng., 1897, p. 3004. (A)
- Comment on McClernand's Infantry battle tactics. Jour. Mil. Serv. Inst., vol. 11, p. 653. (A)
- See Boards—Lydecker; Casey, 1; Houston, 5, 6, 8, 10; Mansfield, 2.
- Lyford, Stephen Carr (U. S. M. A., 1861). Died May 9, 1885, aged 46. Obituary in Ann. Assoc. Grads. U. S. M. A., 1885. (A)
- Instructor of ordnance and gunnery, U. S. M. A., 1872.
- Lyford, Stephen Carr. Diagram of penetration of English guns. Rept. Chief of Ord., 1878, p. 10813. (C)
- Cartridges machine for heading solid head, p. 83; Sand-blast process for sharpening files, p. 83; Gill's counterpoise beam for differential measurement by mechanical touch, p. 84. Rept. Chief of Ord., 1881. (C)
- Dynamometer, Gill, description and use, p. 109; Star gauge model, 1881, p. 110; Description and drawings of shotgun reloading tools, p. 111; Comparison of sporting and service powder for cartridges, p. 112; Cartridge primer, Frankford Arsenal description, p. 113. Rept. Chief of Ord., 1882. (C)
- Reloading cartridges, instructions for using hand tools for, recoil check, p. 88; Smith and Goldthorp's system of making illuminating gas from petroleum, p. 143; Experiments to determine proper thickness of metal for primers, p. 151; Autogenic plumbing apparatus, p. 156; Hydrogen-gas generator for blow-pipe work, p. 156; Rubber stamps for marking boxes, p. 157. Rept. Chief of Ord., 1883. (C)
- Submits articles on the organization and administration of the Swedish army and navy. Ord. Note 73, vol. 3, p. 580. (A)
- Present method of target practice at Frankford Arsenal. Ord. Note 171, vol. 6. (A)
- The Frankford Arsenal improvements in the fiscal year 1883. Ord. Note 309, vol. 10. (A)
- Lyle, David Alexander (U. S. M. A., 1869). Photograph in Albums of officers' mess.
- Benton, dynamometer, p. 373 (Ord. Note 66, vol. 2, p. 510); Pistons and cutters for powders, p. 386. Rept. Chief of Ord., 1877. (C)
- Report on manufacture of leather, p. 61; Remarks on army shoes, p. 76; Price of tanning materials, p. 79; Oils used in manufacture of leather, prices, etc., p. 80; Leather, prices of different kinds, p. 81; Life-saving apparatus and guns, p. 204; Experiments with life-saving projectiles, p. 229; Gun carriages for Life-Saving Service, p. 244; Powder and cartridge bags for Life-Saving Service, p. 246; Sabots, friction primers, and implements for Life-Saving Service, p. 249; Firing grounds for Life-Saving Service, p. 266; History of Manby's and others' life-saving apparatus, p. 285; Parrott mortar, 3-inch, for Life-Saving Service, p. 300; Chandler Life-Saving Service apparatus, p. 313; Boter's life-saving rockets, p. 314. Rept. Chief of Ord., 1878. (C)
- Life-saving ordnance. Washington, 1878. 1 vol., O., pp. 164. (A)
- Description of Lyle-Emery grapple shot. Rept. Chief of Ord., 1879, p. 291. (C)
- Remarks on report of Life-Saving Service, p. xvii; Foreign life-saving rockets and rocket apparatus, p. 273; Russian life-saving apparatus, p. 283; German life-saving rockets and apparatus, p. 290; English life-saving rockets and apparatus, p. 304; Description of Hooper's life-saving rocket, p. 312; Method of fastening faking-boxes for Life-Saving Service, p. 321; Report on galvanized sheet-iron flaking boxes

- for Life-Saving Service, p. 325. Rept. Chief of Ord., 1880. (C)
- Lyle, David Alexander.** Report on the manufacture and uses of files and rasps, being appendix 35 of the annual report of Chief of Ordnance, 1881. 1 vol., O. (A)
- Life-saving projectile, p. 253; Cartridge bag for life-saving guns, p. 269. Rept. Chief of Ord., 1881. (C)
- Vent punch and vent gimlet for Life-Saving Service. Rept. Chief of Ord., 1882, p. 284. (C)
- Rifle, 10-inch wire-wrapped B. L., construction report of the cast-iron body, p. 159; Cylinder, experimental, from the 12-inch cast-iron B. L. rifle, hooped and tubed with steel, p. 277; Annual report of South Boston Iron Works, p. 331; Projectiles report of the manufacture of 8-inch chilled, p. 403. Rept. Chief of Ord., 1885. (C)
- Armor plate, experiments at Spezia, p. 6; Rifle, 8-inch Yates, B. L. converted, construction report, p. 275; South Boston Iron Works, annual report of inspector, p. 309; Rifle, 12-inch, tubed B. L., loss of third casting, p. 310. Rept. Chief of Ord., 1886. (C)
- Mortar No. 1, hooped with steel, construction report of experimental 12-inch B. L. rifled, p. 253; Projectiles inspection report of 250 ogival-headed 12-inch B. L. mortar shells, p. 329; Projectiles inspection report on 3,000 ogival-headed Eureka chilled cored shot for 8-inch M. L. rifle, p. 331; Projectiles 5-inch Eureka shells, weights and physical properties, p. 361. Rept. Chief of Ord., 1887. (C)
- Report on progress of manufacture of steel forgings at Midvale Steel Works. Rept. Chief of Ord., 1891, p. 268. (C)
- Report of manufacture of steel forgings at Midvale Steel Works. Rept. Chief of Ord., 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900. (C)
- translator. The cellular theory of steel. Ord. Note 45, vol. 2, p. 1. (A)
- Report on the Spencer line-throwing gun for life-saving purposes. Ord. Note 147, vol. 5. (A)
- Report on sponge, sponge cover, and cartridge bag for the Life-Saving Service. Ord. Note 159, vol. 5. (A)
- Report on the manufacture of russet leather and its adaptability for the military service. Ord. Note 172, vol. 6. (A)
- Description of a vent punch and gimlet for the Life-Saving Service. Ord. Note 176, vol. 6. (A)
- Author of many articles on professional and scientific subjects.
- and Porter, S. W. Report on life-saving ordnance and appurtenances. Washington, 1878. O. (A)
- Lyman, J. D.** (of New Hampshire). Member of Board of Visitors to U. S. M. A. in 1865.
- Lyman, W. C.** (of Georgia). Member of Board of Visitors to U. S. M. A. in 1835.
- Lynde, Isaac** (U. S. M. A., 1827). Died Apr. 10, 1886, aged 82. Obituary in Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- Lynde, William P.** (of House of Representatives). Member of Board of Visitors to U. S. M. A. in 1878.
- Lyon, Marcus Ward** (U. S. M. A., 1872). Report of principal operations at Cheyenne ordnance depot. Rept. Chief of Ord., 1878, p. iv. (C)
- Method of target practice at Frankford Arsenal. Rept. Chief of Ord., 1882, p. 298; Ord. Note 171, vol. 5. (C)
- Objections to present method of making purchases. Rept. Chief of Ord., 1889, p. 104. (C)
- Operations employed in fabrication of mortars, 12-inch B. L. cast-iron, hooped. Rept. Chief of Ord., 1890, p. 253. (C)
- Repairs of bridge at Rock Island Arsenal, p. 117; Abstract of travel over bridge at Rock Island Arsenal, p. 119; Equipment plant transferred to Rock Island Arsenal from Watervliet Arsenal, p. 121; Report of manufacture of mortars and mortar carriages at Builders' Iron Foundry, p. 451. Rept. Chief of Ord., 1891. (C)
- Report of development of water power at Rock Island Arsenal. Rept. Chief of Ord., 1892, p. 401. (C)
- Spring return, mortar carriage. Rept. Chief of Ord., 1893, p. 454. (C)
- Lyon, Nathaniel** (U. S. M. A., 1841). Died Aug. 10, 1861, aged 42. Engraving (by A. H. Ritchie.) Owned by Assoc. Grads. U. S. M. A.
- Political writings. 1860.
- Woodward (A.). Life of Gen. . . . Lyon . . . 1 vol., O. 1862. (A)
- Packham (James). Gen. Nathaniel Lyon, and Missouri in 1861. A monograph of the great rebellion . . . New York, 1866. 1 vol., O. (A)
- McAfee, Robert B.** (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1832 and in 1842.
- McAlester, Miles Daniel** (U. S. M. A., 1856). Died Apr. 23, 1869, aged 37. Instructor of practical engineering, U. S. M. A., 1863-64.
- Treasurer, U. S. M. A., Nov. 6, 1863, to June 22, 1864.
- project, plan, estimate, etc., for the improvement of Mississippi River, at its mouth. Rept. Chief of Eng., 1866, vol. 4, p. 238; 1867, pp. 362, 364, 367, 370; 1868, "p. 55; 1869, p. 40; 1870, p. 343. (C)
- Pass and Bayou Manchac, and Amite River, La. Rept. Chief of Eng., 1868, pp. 491, 492, 493, 496. (C)
- Galveston Harbor, Tex. Rept. Chief of Eng., 1868, pp. 500, 501, 502, 503, 512, 515, 516, 517; 1871, pp. 517, 521; 1874, vol. 1, p. 732. (C)
- McAlexander, Ulysses Grant** (U. S. M. A., 1887). Examination for promotion in England. Jour. Mil. Serv. Inst., vol. 17, p. 614. (A)
- McAllister, Julian** (U. S. M. A., 1847). Died Jan. 3, 1887, aged 63. Obituary in Ann. Assoc. Grads. U. S. M. A., 1887. (A)
- Benicia Arsenal, artesian well recommended, abandoned. Rept. Chief of Ord., 1881, p. 67. (C)
- Benicia Arsenal arrangements for proving powder. Rept. Chief of Ord., 1882, p. 100. (C)

- McAllister, Julian.** Plan for moving heavy ordnance. Ord. Note 24, vol. 1, p. 133. (A)
- McAndrew, James William** (U. S. M. A., 1888). Comment on The post mess. Jour. Mil. Serv. Inst., vol. 15, p. 793. (A)
- McArthur, Malcolm** (U. S. M. A., 1865). Died Jan. 12, 1886, aged 45. Obituary in Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- McAuliffe, James Richard** (U. S. M. A., 1875). Died Feb. 21, 1882, aged 27. Obituary in Ann. Assoc. Grads. U. S. M. A., 1882. (A)
- McBride, John R.** (of Oregon). Member of Board of Visitors to U. S. M. A. in 1864.
- McCain, Henry Pinckney** (U. S. M. A., 1885). Comment on Drill regulations. Jour. Mil. Serv. Inst., vol. 14, p. 517. (A)
- McCall, George Archibald** (U. S. M. A., 1822). Died Feb. 25, 1868, aged 65. Portrait. Harper's New Monthly Mag., vol. 31 (1865) p. 28, (A)
- engraving owned by Assoc. Grads. U. S. M. A.
- Gen. George A. McCall. Biography. Harper's New Monthly Mag., vol. 31 (1865), p. 28. (A)
- Report on condition of New Mexico, etc., 1850. No. 589, doc. 26. (C)
- Letters from the frontiers. Written during . . . 30 years' service in the Army of the United States . . . Philadelphia, 1868. 1 vol., O. (A)
- McCallum, William B.** (U. S. M. A., 1867). Died Mar. 26, 1889, aged 44. Obituary in Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- McCalmont, John Swayze** (U. S. M. A., 1842). Engraving owned by Assoc. Grads. U. S. M. A.
- Member of Board of Visitors to U. S. M. A. in 1877.
- McCarthy, Daniel Edward** (U. S. M. A., 1881). Manual of instructions for quartermasters serving in the field . . . Washington, 1900. 1 vol., O. (A)
- McCauley, William S.** (of Delaware). Member of Board of Visitors to U. S. M. A. in 1866.
- McCauly, Dr.** (of New York). Member of Board of Visitors to U. S. M. A. in 1824.
- McClellan, George B.** (of New York). Member of Board of Visitors to U. S. M. A. in 1896.
- McClellan, George Brinton** (U. S. M. A., 1846). Died Oct. 29, 1885, aged 59. Portrait (oil painting by Lawrie) presented by Gen. E. Burd Grubb. In memorial hall, West Point, N. Y.
- Portrait. Harper's New Monthly Mag., vol. 30 (1865), p. 711. (A)
- Engraving owned by Assoc. Grads. U. S. M. A.
- Photograph in Albums of officers' mess.
- Bronze equestrian statue (by H. I. Elliott). In Philadelphia, Pa.
- Equestrian statue (by P. W. Bartlett) (to be erected). In Fairmount Park, Philadelphia, Pa.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1886; Harper's New Monthly Mag., vol. 72 (1886), p. 327. (A)
- Manual of bayonet exercise. Philadelphia, 1852. 1 vol., O., pp. 106. (A)
- McClellan, George Brinton.** Report on the Crimean War. Capt. G. B. McClellan, U. S. Army. Feb. 27, 1857. Military commission to Europe, 356 pp., pls., woodcuts, and maps, Q. No. 916, doc. 1. (C)
- The seat of war in Europe. Extracts for the use of the cadets at the U. S. M. A. Washington, 1860.
- Army of the Potomac and its mismanagement. By C. Ellet, jr. Washington, 1861. In War Dept. Library.
- Pamphlets relating to George B. McClellan, 1861-1864. In War Dept. Library.
- Campaign. Reprinted from the World of Aug. 7, 1862. New York, 1862. 1 pam., O. (A)
- Fremont and McClellan; their political and military careers; review of. Van Buren Denslow. 2ded. Yonkers, 1862. In War Dept. Library.
- A reply to Fremont and McClellan (by "Antietam"). 1862. In War Dept. Library.
- Military review of the campaign in Virginia and Maryland. F. A. Peterson. New York, 1862-63. Pt. 1, p. 55; pt. 2, p. 69. In War Dept. Library.
- Review of his campaigns. Boston, 1863. In War Dept. Library.
- From Balls Bluff to Antietam (by Geo. Wilkes). New York, 1863. In War Dept. Library.
- Letter of the Secretary of War, transmitting report on the organization of the Army of the Potomac, and of its campaigns in Virginia and Maryland, under the command of Maj. Gen. George B. McClellan, from July 26, 1861, to Nov. 7, 1862. O. Washington, 1864. (A)
- complete report with last revision. New York, 1864
- Peninsular campaign of McClellan (by H. Ketchum). New York, 1864. In War Dept. Library.
- McClellan and the Army of the Potomac (by Gen. J. Primm). New York, 1864. In War Dept. Library.
- George B. McClellan (by G. S. Hillard). 1864. In War Dept. Library.
- George B. McClellan and the conduct of the war (by W. H. Hurlburt). 1864. In War Dept. Library.
- "Times," review of McClellan; his military career reviewed and exposed (by W. Swinton). 1864. In War Dept. Library.
- Review of services (by Gen. I. McDowell). 1864. In War Dept. Library.
- Oration at dedication of battle monument at West Point. 1864. In War Dept. Library.
- Author of various magazine articles, 1864-1885.
- Dispatches from Alexandria during the second battle of Bull Run [Washington], 1865. See Pope (Jno.), and the Comte de Paris. Correspondence . . . (A)
- Gen. George B. McClellan. Biography. Harper's New Monthly Mag., vol. 30 (1865), p. 711. (A)
- Army of the United States. Harper's New Monthly Mag., vol. 55 (1877), p. 774. (A)

- McClellan, George Brinton.** The war in the East (with maps). *In* North Amer. Rev., vol. 125, July, August, September, October, November, December, 1877.
- Capture of Kars, and fall of Plevna. *In* North Amer. Rev., vol. 126, January and February, 1878.
- McClellan's last service to the Republic (by G. T. Curtis). Pt. I, *in* North Amer. Rev., vol. 130, April, 1880; also Pt. II, *ibid.*, May, 1880; Pt. III, *ibid.*, June, 1880. (A)
- The removal of McClellan. Unpublished war records. With facsimile of the order by Abraham Lincoln. *In* North Amer. Rev., vol. 142, May, 1886.
- The militia and the Army. Harper's New Monthly Mag., vol. 72 (1886), p. 294.
- Life, character, and public services of George B. McClellan (by G. T. Curtis). Boston, 1887. *In* War Dept. Library.
- McClellan Memorial Association. 1887. *In* War Dept. Library.
- General McClellan (by John C. Ropes). Atlantic Monthly, vol. 59 (1887), p. 549.
- Congress and its critics. *In* North Amer. Rev., vol. 162 (1896), p. 367.
- Michie, Gen. Peter Smith (U. S. M. A., 1863). General McClellan. . . . (Great commanders). New York, 1901. 1 vol., O. (A)
- Organization of Army of the Potomac. No. 1187, doc. 15. (C)
- A winter on the Nile. Century Mag., vol. 13, pp. 368, 452, 670.
- From Palermo to Syracuse. Century Mag., vol. 20, p. 400.
- The war in Egypt. Century Mag., vol. 24, p. 784.
- The Princes of the House of Orleans. Century Mag., vol. 27, p. 614.
- Engagement at Malvern Cliff, Va., June 30, 1862. "McClellan's change of base." Century Mag., vol. 30, p. 449.
- Memoranda on railways. Pacific R. R. Repts., vol. 1.
- and Marcy, Randolph Barnes (U. S. M. A., 1832). Exploration of the Red River of Louisiana in the year 1852, with reports on the natural history of the country. Washington, 1853. 1 vol., O., pp. 320, pls.
- McClelland, George C.** (U. S. M. A., 1843). Died Oct. 26, 1888, aged 69. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- McClernard, Edward John** (U. S. M. A., 1870). Photograph *in* Albums of officers' mess.
- Comment on Eastman's Military instruction of our youth. Jour. Mil. Serv. Inst., vol. 11, p. 338. (A)
- Infantry battle tactics. Jour. Mil. Serv. Inst., vol. 11, p. 504. (A)
- McClure, Daniel** (U. S. M. A., 1849). Died Oct. 31, 1900, aged 64. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- McClure, Nathaniel Fish** (U. S. M. A., 1837). The new carbine scabbard. Jour. Cav. Assoc., 1896, p. 338. (A)
- Loading and unloading cavalry horses in movements by rail, p. 29; The Fourth Cavalry in the Yosemite Park, p. 113. Jour. Cav. Assoc., 1897, p. 113. (A)
- McClurg, Alexander Caldwell** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1893.
- McCook, Alexander McDowell** (U. S. M. A., 1852). Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- See Colorado, Department of the, Annual Report, 1894.
- McCook, Anson G.** (of New York). Member of Board of Visitors to U. S. M. A. in 1900.
- McCorkle, Joseph W.** (of Nevada). Member of Board of Visitors to U. S. M. A. in 1867.
- McCorvey, Thomas C.** Member of Board of Visitors to U. S. M. A. in 1886.
- McCown, John Porter** (U. S. M. A., 1839). Died Jan. 22, 1879, aged 63. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1879. (A)
- McCoy, C. F.** (of Georgia). Member of Board of Visitors to U. S. M. A. in 1838.
- McCrea, Tully** (U. S. M. A., 1862). Photograph *in* Albums of officers' mess.
- Quartermaster U. S. M. A. Sept. 30, 1868, to Aug. 28, 1872.
- McCreery, Thomas C.** (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1858.
- McCulloch, George P.** (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1830 and in 1842.
- McDaniels, Isaac** (of Vermont). Member of Board of Visitors to U. S. M. A. in 1848.
- McDonald, Allan** (of New York). Member of Board of Visitors to U. S. M. A. in 1836.
- McDonald, John Bacon** (U. S. M. A., 1881). Notes on shod and unshod horses. Jour. Cav. Assoc., 1890, p. 431. (A)
- Comment on Palmer's Reform in paper work of the Quartermaster's Department. Jour. Mil. Serv. Inst., vol. 17, p. 181. (A)
- The heating of an army post. Jour. Mil. Serv. Inst., vol. 19, p. 268. (A)
- McDowell, Irvin** (U. S. M. A., 1838). Died May 4, 1885, aged 67. Engraving owned by Assoc. Grads. U. S. M. A.
- Oil portrait (by Frank Fowler) in memorial hall.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1885; Harper's New Monthly Mag., vol. 71 (1885), p. 319. (A)
- Adjutant U. S. M. A. Nov. 11, 1841, to Oct. 8, 1845.
- Statement . . . in review of the evidence before the court of inquiry instituted at his request in Special Orders, No. 353, Headquarters of the Army. Washington, 1863. 1 pam., O. (A)
- See U. S. Coast Survey Rept., 1861, p. 39. (A)
- McElderry, Henry.** Chief medical officer U. S. M. A., 1890-1892.
- McElwee, Thomas** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1838.
- McFarland, Walter** (U. S. M. A., 1860). Died July 22, 1888, aged 52. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1889. (A)

- McFarland, Walter.** Project, plan, estimate, etc., for the improvement of Ashtabula Harbor, Ohio. Rept. Chief of Eng., 1868, pp. 159, 160; 1869, p. 140; 1870, p. 180. (C)
- **Conneaut Harbor, Ohio.** Rept. Chief of Eng., 1868, p. 161; 1869, p. 142. (C)
- **Erie (Presque Isle) Harbor.** Rept. Chief of Eng., 1868, p. 164; 1869, p. 143; 1870, pp. 181, 182. (C)
- **Sandusky City Harbor, Ohio.** Rept. Chief of Eng., 1869, pp. 37, 130, 131; 1870, p. 173. (C)
- **Toledo Harbor, Ohio.** Rept. Chief of Eng., 1869, p. 129; 1870, p. 171; 1873, pp. 314, 318. (C)
- **Black River Harbor, Ohio.** Rept. Chief of Eng., 1869, p. 132; 1870, p. 176. (C)
- **Tennessee River.** Rept. Chief of Eng., 1871, pp. 502, 507; 1872, pp. 478, 480, 488, 494, 500, 501, 509, 512, 514, 518; 1873, pp. 61, 544; 1874, vol. 1, pp. 572, 573, 575; 1875, vol. 2, p. 658; 1877, pp. 579, 584; 1878, p. 756. (C)
- **Coosa River, Ala. and Ga.** Rept. Chief of Eng., 1872, pp. 505, 507; 1875, vol. 2, p. 662. (C)
- **Tombigbee River, above Columbus, Miss.** Rept. Chief of Eng., 1873, p. 548; 1880, p. 1092; 1881, p. 1211; 1882, p. 1295. (C)
- **Charlotte Harbor, mouth of Genesee River, N. Y.** Rept. Chief of Eng., 1874, vol. 1, p. 249; 1876, vol. 2, p. 582; 1879, p. 1728; 1881, p. 2437; 1886, p. 343; 1890, p. 2852. (C)
- **Oostenaula and Coosawattee rivers, Ga.** Rept. Chief of Eng., 1875, vol. 1, pp. 77, 792. (C)
- **Cumberland River above Nashville.** Rept. Chief of Eng., 1875, vol. 1, pp. 795, 796. (C)
- **Iliawassee River, Tenn.** Rept. Chief of Eng., 1875, vol. 1, pp. 810, 813; 1878, p. 762; 1879, pp. 140, 1269; 1882, p. 1848; 1885, p. 1764; 1887, p. 1755; 1891, p. 2261; 1892, p. 1920. (C)
- **French Broad River, Tenn. and N. C.** Rept. Chief of Eng., 1875, vol. 1, pp. 818, 820; 1876, vol. 1, p. 719. (C)
- **Powells River, Tenn. and Va.** Rept. Chief of Eng., 1876, vol. 1, pp. 737, 739, 740, 746. (C)
- **Clinch River, Tenn. and Va.** Rept. Chief of Eng., 1876, vol. 1, pp. 742, 744, 747, 737; 1880, p. 1680. (C)
- **Emory River, Tenn. and Va.** Rept. Chief of Eng., 1876, vol. 1, pp. 745, 746. (C)
- **Wilson Harbor, N. Y.** Rept. Chief of Eng., 1877, p. 975. (C)
- **Waddington Harbor, N. Y.** Rept. Chief of Eng., 1878, p. 1280; 1879, p. 1739. (C)
- **Dunkirk Harbor, N. Y.** Rept. Chief of Eng., 1879, pp. 174, 1716, 1717. (C)
- **Oswego Harbor, N. Y.** Rept. Chief of Eng., 1879, pp. 177, 1734, 1735. (C)
- **Sodus Harbor (Great), N. Y.** Rept. Chief of Eng., 1879, p. 1730. (C)
- **Niagara River at mouth of Tonawanda Creek, N. Y.** Rept. Chief of Eng., 1881, p. 2429. (C)
- **Oak Orchard Harbor, N. Y.** Rept. Chief of Eng., 1881, p. 2435. (C)
- McFarland, Walter.** Project, plan, estimate, etc., for the improvement of Port Day, Niagara River, N. Y. Rept. Chief of Eng., 1881, p. 2454. (C)
- **Grass River at Massena, N. Y.** Rept. Chief of Eng., 1881, p. 2458; 1885, p. 2297; 1886, p. 1889; 1887, p. 2396. (C)
- **Sacketts Harbor, N. Y.** Rept. Chief of Eng., 1882, p. 2490. (C)
- **Westport Harbor, Mass.** Rept. Chief of Eng., 1884, p. 675. (C)
- **Branford Harbor, Conn.** Rept. Chief of Eng., 1884, pp. 679, 680. (C)
- **Port Marshall Harbor, N. Y.** Rept. Chief of Eng., 1884, p. 2161. (C)
- **Port Henry, Lake Champlain, N. Y.** Rept. Chief of Eng., 1884, p. 2168. (C)
- **Hortons Point, N. Y.** Rept. Chief of Eng., 1885, p. 702. (C)
- **Huntingdon Harbor, N. Y.** Rept. Chief of Eng., 1885, p. 705; 1891, p. 817; 1892, p. 718. (C)
- **Falkners Island, Conn.** Rept. Chief of Eng., 1885, pp. 708, 709. (C)
- **Housatonic River, Conn.** Rept. Chief of Eng., 1887, p. 607. (C)
- **Sangerties Harbor, N. Y.** Rept. Chief of Eng., 1887, p. 662; 1892, p. 771. (C)
- **Buttermilk Channel, New York Harbor.** Rept. Chief of Eng., 1887, p. 705. (C)
- **Gowanus Bay, N. Y.** Rept. Chief of Eng., 1887, p. 712. (C)
- **Jamaica Bay and Rockaway Inlet.** Rept. Chief of Eng., 1887, p. 758. (C)
- **Patchogue River, N. Y.** Rept. Chief of Eng., 1887, p. 700; 1891, p. 826. (C)
- **Sheepshead Bay, N. Y.** Rept. Chief of Eng., 1888, p. 626. (C)
- **Spring Creek, N. Y.** Rept. Chief of Eng., 1888, p. 639. (C)
- **bridges of the New York, New Haven, and Hartford Railroad.** Rept. Chief of Eng., 1888, pp. 2532, 2534. (C)
- **Water communication between the Mississippi River and the Atlantic Ocean by way of the Tennessee and Coosa rivers and the rivers of Georgia and connecting canals; sketch showing the proposed line of, under direction of Maj. Walter McFarland, Corps of Engineers, U. S. Army (in 8 sheets).**
- **Route of Nicaragua Canal, etc.** No. 3056, doc. 46. (C)
- **See Boards—McFarland; Blunt, 1; Casey, 3, 4, 5, 6, 7, 10, 11, 12; Craighill, 5; Dnane, 6; Macomb, 4, 5, 6, 7, 8; Newton, 5; Reynolds, 1; Woodruff, 1, 2, 3, 8. (A)**
- McFerran, John Courts** (U. S. M. A., 1843). Died Apr. 25, 1872, aged 51. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1872. (A)
- McGinness, John Randolph** (U. S. M. A., 1863). Instructor of Ordnance and Gunnery, U. S. M. A., 1872-1874.
- **Report of principal operations at Rock Island Arsenal for 1899,** p. 327; **Rock Island Arsenal, establishment of street railway over bridges and islands permitted,** p. 330; **Knap-sack tent, designed by Major McGinness,** p.

- 333; Gun sling, pattern of 1887, directions for using, p. 335. Rept. Chief of Ord., 1880. (C)
- McGuinness**, John Randolph. Report on smokeless powder for the Krag and Springfield rifles in the Philippines. Rept. Chief of Ord., 1899. (A)
- McGoun**, George F. (of Iowa). Member of Board of Visitors to U. S. M. A. in 1867. (A)
- McGrath**, Hugh Joslyn (U. S. M. A., 1880). Died Nov. 7, 1899, aged 44. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- McGregor**, Robert (U. S. M. A., 1859). Died Dec. 23, 1902, aged 35. Project, plan, estimate, etc., for the improvement of Current River, Mo. Rept. Chief of Eng., 1900, p. 2614. (A)
- St. Francois River, Mo. Rept. Chief of Eng., 1900, p. 2615. (A)
- See Boards—Stickney, O. (A)
- McIlvaine**, Rev. Charles P. Engraving (by J. C. Buttre) owned by Assoc. Grads. U. S. M. A.
- Professor of geography, history and ethics, U. S. M. A., 1825-1827. (A)
- McIndoe**, James Francis (U. S. M. A., 1891). Project, plan, estimate, etc., for the improvement of Saginaw, Bad, Flint, and Shiawassee rivers, Mich. Rept. Chief of Eng., 1898, p. 2603. (A)
- McIntyre**, Frank (U. S. M. A., 1886). Photograph in Albums of officers' mess.
- McKean**, Thomas Jefferson (U. S. M. A., 1831). Died Apr. 19, 1870, aged 60. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- McKee**, George Wilson (U. S. M. A., 1863). Died Nov. 30, 1891, aged 50. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1892. (A)
- Gunnery, application of formulas and tables to problems in practical, p. 47; Energy and penetrating power, rifle, 8-inch converted, p. 54; Tables for application to problems in gunnery, compiled by, p. 54. Rept. Chief of Ord., 1875. (C)
- Proposed 3.5-inch B. L. rifled, field guns. Rept. Chief of Ord., 1881, p. 302. (C)
- Formulas, Bartlett's application in gun construction. Rept. Chief of Ord., 1883, p. 125. (C)
- Present status of dynamite as an explosive for shells. Rept. Chief of Ord., 1887, p. 428. (C)
- Objections to present method of making purchases. Rept. Chief of Ord., 1889, p. 100. (C)
- Objections to present method of making purchases. Rept. Chief of Ord., 1890, p. 115. (C)
- The McKees of Virginia and Kentucky. Portrait of Col. William McKee. [Pittsburg, 1890.] 1 vol., O., pp. 195. (A)
- Objections to present method of making purchases. Rept. Chief of Ord., 1891, p. 105. (C)
- Problems in practical gunnery. Ord. Note 45, vol. 2, p. 289. (A)
- Report on the practical application of Bartlett's formulas to problems in gun construction. Ord. Note 148, vol. 5. (A)
- McKee**, George Wilson. Bartlett's formulas. [A continuation of Ord. Note 148.] Ord. Note 291, vol. 10. (A)
- , translator. Carrasco's employment of dynamite. Jour. Mil. Serv. Inst. U. S., vol. 7, p. 339. (A)
- Comment on New powder and guns. Jour. Mil. Serv. Inst. U. S., vol. 11, p. 333. (A)
- McKeever**, Chauncey (U. S. M. A., 1849). Died Sept. 4, 1901, aged 72. Photograph. In Albums of officers' mess.
- Member of Board of Visitors to U. S. M. A. in 1868. (A)
- McKenna**, Joseph (of California). Member of Board of Visitors to U. S. M. A. in 1890. (A)
- McKeon**, John (of New York). Member of Board of Visitors to U. S. M. A. in 1839. (A)
- McKinley**, William, jr. (of Ohio). Member of Board of Visitors to U. S. M. A. in 1880. (A)
- McKinney**, John Augustine (U. S. M. A., 1871). Died Nov. 25, 1876, aged 30. Obituary in Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- McKinstry**, Charles Hedges (U. S. M. A., 1888). Contour map of proposed [Lusk] reservoir below Fort Putnam. . . . Scale 1:1200; contours. In Rept. Supt. U. S. M. A., 1892, p. 19. (A)
- Project, plan, estimate, etc., for the improvement of Milwaukee breakwater. Rept. Chief of Eng., 1894, p. 2083. (A)
- location of a canal to connect Lake Superior and the Mississippi River. Rept. Chief of Eng., 1896, pp. 2395, 2398. (A)
- St. Johns River, Fla. Rept. Chief of Eng., 1900, p. 1974. (A)
- See Boards—Russell, I. (A)
- McKinstry**, Justus (U. S. M. A., 1838). Died Dec. 11, 1897, aged 81. Obituary in Ann. Assoc. Grads. U. S. M. A., 1898. (A)
- Assistant quartermaster, court of inquiry and courts-martial of. H. Doc. 144, 37th Cong., 2d sess., July 9, 1862. (A)
- McKown**, James (of New York). Member of Board of Visitors to U. S. M. A. in 1837. (A)
- McKown**, J. L. G. (of Illinois). Member of Board of Visitors to U. S. M. A. in 1873. (A)
- McLane**, Robert Milligan (U. S. M. A., 1837). Died Apr. 17, 1898, aged 83. Obituary in Ann. Assoc. Grads. U. S. M. A., 1898. (A)
- Member of Board of Visitors to U. S. M. A. in 1879. (A)
- McLaws**, Lafayette (U. S. M. A., 1842). Died July 24, 1897, aged 76. Bronze bust, heroic size, on a granite pedestal. In Savannah, Ga. Obituary in Ann. Assoc. Grads. U. S. M. A., 1898. (A)
- McLean**, John (of New York). Member of Board of Visitors to U. S. M. A., 1836. (A)
- McLean**, Nathaniel Henry (U. S. M. A., 1848). Died July 5, 1884, aged 57. Obituary in Ann. Assoc. Grads. U. S. M. A., 1885. (A)
- Charge of miscellaneous division, p. 74; Detached, p. 84. U. S. Coast Survey Rept., 1861. (A)
- McMahon**, John Eugene (U. S. M. A., 1886). Photograph in Albums of officers' mess.
- McMillan**, Hugh (of Michigan). Member of Board of Visitors to U. S. M. A. in 1890. (A)

- McMillan**, James (U. S. M. A., 1856). Photograph in Albums of officers' mess.
- McMullan**, James H. (of Maine). Member of Board of Visitors to U. S. M. A. in 1873.
- McMynn**, John G. (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1866.
- McNeill**, Edwin (U. S. M. A., 1878). Died Jan. 28, 1901, aged 44. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A. 1901. (A)
- McNeill**, William Gibbs (U. S. M. A., 1817). Died Feb. 16, 1853, aged 51. Project, plan, estimate, etc., for the improvement of James River and Kanawha Canal. Rept. Chief of Eng., 1871, pp. 63, 625, 637; 1874. vol. 2, p. 87; 1877, pp. 677, 762. (C)
- Report on plan, construction, and costs of Chesapeake and Ohio Canal. No. 254, doc. 38. (C)
- McNutt**, Albert Scott (U. S. M. A., 1881). Died May 8, 1901, aged —. Obituary in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- McNutt**, John (U. S. M. A., 1840). Died Mar. 28, 1881, aged 62. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- McPherson**, F. B. (of Missouri). Member of Board of Visitors to U. S. M. A. in 1862.
- McPherson**, James Birdseye (U. S. M. A., 1853). Died July 22, 1864, aged 35. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Equestrian statue (by Rebisso). McPherson Square, Washington, D. C.
- Bronze medallion. Washington, D. C.
- Gen. James B. McPherson (by Gen. W. T. Sherman). Washington, 1878. 11 pp. In War Dept. Library.
- Grant (U. S.); Sherman and McPherson. In North Amer. Rev., vol. 142, April, 1886. (A)
- Fort Henry and Fort Donelson, sketch showing the relative positions, also the roads connecting the two positions.
- McQuiston**, Charles (U. S. M. A., 1883). Died Sept. 15, 1900, aged 42. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- McRae**, Alexander (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1842.
- McRae**, James Henry (U. S. M. A., 1886). History of the Third Regiment of Infantry. [An abridgment of Lieut. J. H. McRae's History of the Third Infantry.] Hist. U. S. Army, pp. 432-451. (A)
- McRee**, Samuel (U. S. M. A., 1820). Died July 15, 1849, aged 48. Engraving (by Williams). Owned by Assoc. Grads. U. S. M. A.
- McRee**, William (U. S. M. A., 1805). Died May 15, 1833, aged 45. "Great West." N. Y. Sci. and Lit. Mag.
- Macfeely**, Robert (U. S. M. A., 1850). Died Feb. 21, 1901, aged —. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Reports as Commissary-General U. S. Army, 1875-1890.
- [Letter on reorganization of the Army of the United States, dated Nov. 8, 1876.] 1 vol., F. (A)
- Macgill**, Charles (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1839.
- Mack**, Oscar Addison (U. S. M. A., 1850). Died Oct. 22, 1876, aged 49. Obituary in Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- Mackall**, James Bond (U. S. M. A., 1868). Died Apr. 18, 1871, aged 24. Obituary in Ann. Assoc. Grads. U. S. M. A., 1871. (A)
- Mackall**, William Whann (U. S. M. A., 1837). Died Aug. 10, 1891, aged 75. Obituary in Ann. Assoc. Grads. U. S. M. A., 1892. (A)
- Mackay**, Aeneas. Quartermaster U. S. M. A., May 17, 1824 to May 27, 1829.
- Mackay**, Capt. J. Member of Board of Visitors (inspection) to U. S. M. A. in 1844.
- Mackay-Smith**, Alexander (of District of Columbia). Member of Board of Visitors to U. S. M. A. in 1894.
- Mackenzie**, Alexander (U. S. M. A., 1864). Project, plan, estimate, etc., for the improvement of Grand Haven Harbor, Mich. Rept. Chief of Eng., 1866, vol. 4, p. 101; 1867, p. 108; 1876, vol. 2, pp. 494, 496. (C)
- Pentwater Harbor, Mich. Rept. Chief of Eng., 1867, pp. 25, 113; 1868, p. 130; 1874, vol. 1, pp. 179, 180; 1876, vol. 2, p. 478; 1877, p. 908; 1878, p. 1205; 1879, p. 1610. (C)
- Rock Island Rapids, Mississippi River. Rept. Chief of Eng., 1880, p. 1538; 1886, p. 1464. (C)
- Cuivre River, Mo. Rept. Chief of Eng., 1880, p. 1553. (C)
- Mississippi River from Des Moines Rapids to the mouth of the Illinois River. Rept. Chief of Eng., 1881, pp. 1723, 1726. (C)
- bridge at Sabula, Iowa. Rept. Chief of Eng., 1881, pp. 2016, 2018. (C)
- Dubuque, Iowa. Rept. Chief of Eng., 1882, pp. 1770, 1771; 1884, p. 1572; 1887, p. 222. (C)
- Des Moines Rapids. Rept. Chief of Eng., 1883, pp. 1422, 1423. (C)
- Pecatonica River, Wis. Rept. Chief of Eng., 1884, p. 1594. (C)
- bridge at Dubuque, Iowa. Rept. Chief of Eng., 1888, pp. 2496, 2497. (C)
- Moline City Harbor, Ill. Rept. Chief of Eng., 1889, p. 1781. (C)
- Hamburg Bay, Mississippi River, Calhoun County, Ill. Rept. Chief of Eng., 1893, p. 2249. (A)
- Lake Pepin, Wis. Rept. Chief of Eng., 1893, p. 2257. (A)
- Quincy Bay, Ill. Rept. Chief of Eng., 1895, p. 2160. (A)
- La Crosse Harbor, Wis. Rept. Chief of Eng., 1895, p. 2163. (A)
- east bank of Mississippi River, Ill. Rept. Chief of Eng., 1895, p. 2164. (A)
- west bank of Mississippi River, Iowa. Rept. Chief of Eng., 1895, p. 2168. (A)
- Bridgeport Harbor, Conn., harbor line. Rept. Chief of Eng., 1899, p. 1197. (A)
- Notes on harbors of the Great Lakes. Essayons Club Papers, No. 13, 1869. (A)
- Dynamite works of the Atlantic Giant Powder Company. Essayons Club Papers, No. 28, 1874. (A)
- Report on current-meter observations in the Mississippi River, near Burlington, Iowa,

- during the month of October, 1879. Ill., O., pp. 38. Washington, 1884.
- Mackenzie, Alexander.** *See* Boards= Mackenzie; Abbot, 2; Barlow, 1; Comstock, 4, 12, 21; Craig-hill, 3, 20; Houston, 7, 9; King, 1, 2; Poe, 2, 5, 6, 9, 10, 16; Mendell, 9; Merrill, 2, 3, 4; Stickney, 1; Suter, 2; Wilson (J. M.), 1. *See* Commission—Suter, 1, 2, 3, 4, 5. (A)
- Mackenzie, Ranald Slidell** (U. S. M. A., 1862). Died Jan. 19, 1889, aged 48. Obituary in Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Bourke (John G.). Mackenzie's last fight with the Cheyennes. . . . 1 pam., O. 1890. (A)
- Mackey, A. G.** (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1865.
- MacNutt, Ira** (U. S. M. A., 1870). Manufacture of rifle, 3.6-inch B. L. Rept. Chief of Ord., 1890, p. 299. (C)
- Bethlehem Iron Works, physical qualities of specimens of materials furnished by. Rept. Chief of Ord., 1893, p. 409. (C)
- Progress report on manufacture of steel forgings, etc., at the Bethlehem Iron Works. Repts. Chief of Ord., 1894, 1895, 1896, 1897, 1898, 1899.
- Report of principal operations at Sandy Hook proving ground. Rept. Chief of Ord., 1900.
- Macomb, Alexander** (of U. S. Army). Member of Board of Visitors to U. S. M. A. in 1832.
- Portrait (oil painting by Thomas Sully). Presented by Corps of Engineers. In the Library.
- Report as Acting Adjutant-General U. S. Army, 1812.
- Reports as Chief Engineer, 1821-1828. (C)
- Macomb, Alexander Saranas** (U. S. M. A., 1835). Died May 8, 1876, aged 62.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1876. (A)
- Macomb, John Navarre** (U. S. M. A., 1832). Died Mar. 16, 1889, aged 78. Obituary in Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Project, plan, estimate, etc., for the improvement of Saginaw River, Mich. Rept. Chief of Eng., 1866, vol. 4, p. 59. (C)
- transportation routes to the sea-board, Northern route, second subdivision, Hennepin Canal. Rept. Chief of Eng., 1871, p. 366; 1875, vol. 2, pp. 525, 527, 530. (C)
- Manasquan River, N. J. Rept. Chief of Eng., 1872, pp. 68, 462, 464; 1886, p. 751; 1879, p. 464. (C)
- Rahway River, N. J. Rept. Chief of Eng., 1874, p. 485; 1879, p. 69, 484, 485; 1880, p. 87; 1882, p. 696; 1887, p. 769; 1891, p. 905. (C)
- Mississippi River, between Falls of St. Anthony and Cairo. Rept. Chief of Eng., 1875, vol. 2, pp. 451, 462, 466, 467; 1876, vol. 1 pp. 688, 690, 692, 694, 695, 698; 1877, pp. 84, 524, 525, 529, 535; 1878, p. 712. (C)
- Shrewsbury River, N. J. Rept. Chief of Eng., 1879, pp. 67, 494. (C)
- Woodbridge Creek, N. J. Rept. Chief of Eng., 1879, pp. 67, 478, 479, 480; 1884, p. 750; 1886, pp. 751, 782; 1887, p. 770. (C)
- Elizabeth River, N. J. Rept. Chief of Eng., 1879, pp. 67, 482, 483. (C)
- Macomb, John Navarre** Project plan, estimate, etc., for the improvement of Cohamsey Creek, N. J. Rept. Chief of Eng., 1870, pp. 69, 418; 1880, p. 501. (C)
- Newcastle Harbor (Delaware River). Rept. Chief of Eng., 1879, pp. 72, 439, 440. (C)
- Mispillion Creek, Del. Rept. Chief of Eng., 1870, pp. 73, 467, 468, 470. (C)
- Delaware Breakwater, Del. Rept. Chief of Eng., 1879, pp. 74, 454. (C)
- Salem River, N. J. Rept. Chief of Eng., 1879, p. 413. (C)
- Wilmington Harbor, Del. Rept. Chief of Eng., 1879, p. 441; 1881, pp. 779, 774; 1883, p. 622; 1880, p. 882; 1891, p. 1136. (C)
- Lewes, Del. Rept. Chief of Eng., 1879, p. 450. (C)
- Smyrna River (Duck Creek), Del. Rept. Chief of Eng., 1870, pp. 471, 473, 474; 1881, pp. 128, 788. (C)
- Susquehanna River, Pa., North Branch of. Rept. Chief of Eng., 1880, p. 504; 1881, p. 805; 1885, p. 125. (C)
- Chester and Ridley creeks, Pa. Rept. Chief of Eng., 1881, pp. 125, 794 (C)
- New Castle, Del. Rept. Chief of Eng., 1881, p. 768. (C)
- Broadkill River, Del. Rept. Chief of Eng., 1881, p. 782. (C)
- Rancocas River, N. J. Rept. Chief of Eng., 1881, p. 798; 1891, p. 1084. (C)
- St. Johns River, Del. Rept. Chief of Eng., 1881, pp. 799, 801; 1887, p. 831; 1891, p. 1165. (C)
- Appoquinimink Creek, Del. Rept. Chief of Eng., 1881, p. 826. (C)
- Ridley Creek, Pa. Rept. Chief of Eng., 1881, p. 828. (C)
- Bronx River, N. Y. Rept. Chief of Eng., 1891, p. 952. (C)
- Report of the exploring expedition from Santa Fé, N. Mex., to the junction of the Grand and Green rivers of the Great Colorado of the West, in 1859, under the command of Capt. J. N. Macomb; with geological report, by Prof. J. S. Newbury. Q. Washington, 1876. [Eng. Dept., U. S. A.] Explorations and surveys. (A)
- New Mexico and Utah, explorations and surveys in 1860. Topographical map.
- *See* U. S. Coast Survey Rept., 1861, p. 41. (A)
- Macomb, Montgomery Meigs** (U. S. M. A., 1874). Photograph in Albums of officers' mess.
- The necessity for a fixed policy in the War Department in regard to the collection of military statistics and the construction of a general military atlas of the United States, 1886. 1 pam., O. [See Art. School of the U. S.] (A)
- Comment on Artillery school methods. Jour. Mil. Serv. Inst., U. S., vol. 12, p. 160. (A)
- and Wheeler, George Montague (U. S. M. A., 1866). Tables of geographic positions, azimuths, and distances, together with lists of barometric altitudes, magnetic declinations, and itineraries of important routes. Explorations and Surveys. Washington, 1855, O. (A)

- Macomb**, Montgomery Meigs. *See* Boards—Macomb; Cram, 1, 2. (A)
- Macrae**, Nathaniel Chapman (U. S. M. A., 1826). Died Feb. 5, 1878, aged 74. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Magilton**, Albert Lewis (U. S. M. A., 1846). Died Dec. 28, 1875, aged 49. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1876. (A)
- Magruder**, John Bankhead (U. S. M. A., 1830). Died Feb. 19, 1871, aged 64. Engraving owned by Assoc. Grads. U. S. M. A.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1871. Harper's New Monthly Mag., vol. 42 (1871), p. 791. (A)
- Maguire**, Edward (U. S. M. A., 1867). Died Oct. 11, 1892, aged 45. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Notes on the preservation of timber. *Essays on Club Papers*, No. 7, 1868. (A)
- Yellowstone River, map of the, from Fort Keogh to Fort Buford (in 44 sheets). 1878.
- Professional notes. 1 pam., O. Washington, 1884. Misc. Papers, vol. 2. [Engineer Dept., U. S. A.] (A)
- translator. Armored minimum embrasure gun-carriage, patented by Herman Gruson, Feb. 17, 1883. O. Washington, 1884. Misc. Papers, vol. 2. (A)
- The attack and defense of coast fortifications . . . New York, 1884. 1 vol., O. (A)
- Project, plan, estimate, etc., for the improvement of Ashtabula Harbor, Ohio. Rept. Chief of Eng., 1884, p. 2117; 1885, p. 342. (C)
- Sacjacadia Creek, N. Y. Rept. Chief of Eng., 1885, p. 2286. (C)
- Erie Harbor, Pa. Rept. Chief of Eng., 1886, p. 339; 1890, pp. 2796, 2797. (C)
- Wahash River, Ind. Rept. Chief of Eng., 1891, p. 2411. (C)
- and Heap, David Porter (U. S. M. A., 1864). Dakota Territory revised and corrected, 1881. Topographical maps.
- *See* Boards—Casey, 14, 15. (A)
- Mahan**, Dennis Hart (U. S. M. A., 1824). Died Sept. 16, 1871, aged 69. Portrait (oil painting by R. W. Weir) presented by U. S. M. A. In the Library U. S. M. A.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1872. Biog. Mem. Nat. Acad. Sci., vol. 2, p. 29. (A)
- Acting professor of civil and military engineering U. S. M. A., 1830–1832.
- Professor of civil and military engineering U. S. M. A., 1832–1871.
- Elementary course of civil engineering for the use of cadets of the U. S. M. A. . . . [1st ed.] New York, 1837. 1 vol., O. (A)
- Advanced guard, outpost, and detachment service of troops with the essential principles of strategy and grand tactics . . . New York, 1847. 1 vol., O. [Also an ed. of 1861.] (A)
- A treatise on field fortification. 2d ed. . . . New York, 1848. 1 vol., O. [3d ed., 1862.] (A)
- Summary of the course of permanent fortification and of the attack and defense of permanent works . . . West Point, 1850. 1 vol., O., lith., 372 pp. (A)
- Mahan**, Dennis Hart. Industrial drawing. Comprising the description and uses of drawing instruments, the construction of plane figures, the projections and sections of geometrical solids; architectural elements, mechanism, and topographical drawing, with remarks on the method of teaching the subject . . . 1 vol., O. New York, 1852. [Also an ed. of 1855.] (A)
- Descriptive geometry as applied to the drawing of fortification and stereotomy. New York, 1864.
- Memoir of (by H. L. Abbot). 1 pam., O. 1878. (A)
- A treatise on civil engineering. Rev. and ed. by De Volson Wood. New ed., with chapter on river improvements. By F. A. Mahan, captain, Corps of Engineers, U. S. Army. O., pp. 637, ill. New York, 1884.
- Permanent fortifications . . . [Enlarged by James Mercur.] . . . 1st ed. New York, 1887. 1 vol., O. [interleaved]. (A)
- Characters of Grant and Sherman contrasted. *In* Wilson's Life and Campaigns of Grant, pp. 14, 15. (A)
- Notes on architecture—Notes supplementary to the course of permanent fortification—Notes on mines—Composition of armies. *In* West Point, Notes on Eng. Lith. (A)
- Stonecutting. (A)
- Philosophy of engineering.
- and Moseley, H. Mechanical principles of engineering . . . 1st Am. ed. 1860.
- *See* Nation, vol. 2, pp. 243, 307.
- Mahan**, Frederick Augustus (U. S. M. A., 1867). Photograph *in* Albums of officers' mess.
- Translator from the French of Bressé's Hydraulic motors. 1869.
- Index to the principal constellations. *Essays on Club Papers*, No. 17, 1870. (A)
- Project, plan, estimate, etc., for the improvement of Voughiogheny River, Pa. Rept. Chief of Eng., 1874, vol. 1, pp. 564, 566. (C)
- Presque Isle Peninsula, Erie Harbor, Pa. Rept. Chief of Eng., 1890, p. 2800. (C)
- Tonawanda Harbor and Niagara River, N. Y. Rept. Chief of Eng., 1891, p. 2890. (C)
- Pensacola Harbor, Fla. Rept. Chief of Eng., 1895, pp. 1634, 1647. (A)
- Carabelle Bar and Harbor, Fla. Rept. Chief of Eng., 1895, p. 1680. (A)
- Apalachicola Bay at Apalachicola, Fla. Rept. Chief of Eng., 1896, p. 1344. (A)
- Chipola River, Fla. Rept. Chief of Eng., 1898, p. 1423. (A)
- Barrage de l'île Davis sur l'Ohio. Construction du Batardeau de la Passe Navigable. O., p. 7, pl. 1. [n. d., n. p.]
- French field artillery. Jour. Mil. Serv. Inst. U. S., vol. 10, p. 357. (A)
- Review of Meyer's Use of portable armor, etc. Jour. Mil. Serv. Inst. U. S., vol. 14, p. 679. (A)
- and Lemoine, G. Sur l'annonce des crues de l'Ohio. [Signaling the rise of the Ohio.] Q., p. 4, map. Paris, 1884.

- Mahan, Frederick Augustus.** See Krantz (J. B.) Study on reservoir walls.
- *See* Boards—Mahan; Robert, 4, 8; Tower, 4; Wright, 4. (A)
- Mahon, Thad. M.** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1901.
- Major, James Patrick** (U. S. M. A., 1856). Died May 8, 1877, aged 44. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Mallory, Robert.** Member of Board of Visitors to U. S. M. A. in 1827.
- Mallery, John Conrad** (U. S. M. A., 1867). Project, plan, estimate, etc., for the improvement of Ocklawaha River, Fla. Rept. Chief of Eng., 1892, p. 1367. (C)
- — — harbor at Cape Canaveral, Fla. Rept. Chief of Eng., 1893, p. 1681. (A)
- Manderson, Charles F.** (of Nebraska). Member of Board of Visitors to U. S. M. A. in 1886, in 1891, and in 1900.
- Mann, Horace** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1849.
- Mann, James Defrees** (U. S. M. A., 1877). Died Jan. 15, 1891, aged 38. Obituary in Ann. Assoc. Grads. U. S. M. A., 1891. (A)
- Mann, W. D.** (of New York). Member of Board of Visitors to U. S. M. A. in 1890.
- Mannjug, Van, H.** (of Mississippi). Member of Board of Visitors to U. S. M. A. in 1878.
- Mansfield, Edward Deering** (U. S. M. A., 1819). Died Oct. 27, 1880, aged 79. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- — — Utility of mathematics. 1834.
- — — Political grammar. A treatise on constitutional law. 1835.
- — — Editor of Cincinnati Chronicle 1836-1848.
- — — Legal rights of woman. 1845.
- — — Life of General Scott. 1846.
- — — The utility and services of the U. S. M. A., with notices of some of its graduates fallen in Mexico. New York, 1847. 1 vol. O., pp. 48. (A)
- — — History of the Mexican war. 1848.
- — — American education. 1850.
- — — Editor of Railroad Record, 1852-1872.
- — — Memoirs of Daniel Drake, M. D. 1855.
- — — The life and military services of Lieut. Gen. Winfield Scott . . . New York, 1862. 1 vol. O., 560 pp. (A)
- — — The U. S. M. A. at West Point. Amer. Jour. Ed., March, 1863; Misc. Pamphlets, vol. 9.
- — — Personal memories: Social, political, and literary, with sketches of many noted people, 1803-1843. 1879.
- Mansfield, Francis Worthington** (U. S. M. A., 1871). Puerto Rico. Jour. Mil. Serv. Inst. U. S., vol. 27, p. 30.
- Mansfield, Jared.** Portrait (oil painting by Thomas Sully) presented by class of 1828. In the Library U. S. M. A.
- — — Professor of mathematics, U. S. M. A., 1802-1803.
- — — Professor of natural and experimental philosophy, U. S. M. A., 1812-1828.
- Mansfield, Joseph King Fenno** (U. S. M. A., 1822). Died Sept. 18, 1862, aged 59. Engraving (by J. C. Buttre). Owned by Assoc. Grads. U. S. M. A.
- Mansfield, Joseph King Fenno.** J. K. F. Mansfield, at Antietam (by J. N. Gould). 1865. In War Dept. Library.
- Mansfield, Samuel Mather** (U. S. M. A., 1862). Project, plan, estimate, etc., for the improvement of Charlevoix Harbor, Mich. Rept. Chief of Eng., 1869, pp. 80, 81, 82; 1873, pp. 282, 283; 1876, vol. 2, p. 523; 1880, p. 214; 1887, p. 2177. (C)
- — — Ludington (Pere Marquette) Harbor, Mich. Rept. Chief of Eng., 1872, pp. 39, 487; 1875, vol. 1, pp. 47, 247, 248; 1876, vol. 2, p. 477; 1879, pp. 162, 1607. (C)
- — — Pentwater Harbor, Mich. Rept. Chief of Eng., 1872, pp. 37, 187; 1875, vol. 1, pp. 48, 249; 1876, vol. 2, p. 478; 1877, p. 907. (C)
- — — Frankfort (Aux Bees Scies). Rept. Chief of Eng., 1872, p. 185; 1873, p. 201; 1879, pp. 161, 162, 1601. (C)
- — — Manistee Harbor, Mich. Rept. Chief of Eng., 1872, p. 186; 1873, pp. 37, 203; 1874, vol. 1, pp. 43, 177; 1875, vol. 1, pp. 47, 249; 1876, vol. 2, p. 460; 1877, p. 904. (C)
- — — Grand Haven Harbor, Mich. Rept. Chief of Eng., 1872, p. 190; 1874, vol. 1, p. 185; 1875, vol. 1, pp. 49, 254; 1876, vol. 2, pp. 494, 495; 1877, p. 913. (C)
- — — White River Harbor, Mich. Rept. Chief of Eng., 1873, pp. 38, 270; 1874, vol. 1, p. 44; 1876, vol. 1, p. 101; 1876, vol. 2, pp. 482, 483, 484, 486, 487; 1879, p. 163. (C)
- — — Black Lake Harbor, Mich. Rept. Chief of Eng., 1874, vol. 1, p. 188; 1876, vol. 1, p. 102; 1876, vol. 2, p. 500; 1877, pp. 108, 914. (C)
- — — South Haven Harbor, Mich. Rept. Chief of Eng., 1875, vol. 1, p. 266; 1876, vol. 2, pp. 513, 514; 1877, p. 918; 1878, p. 1214; 1879, p. 166. (C)
- — — St. Joseph Harbor, Mich. Rept. Chief of Eng., 1875, vol. 1, pp. 262, 263, 265; 1876, vol. 2, p. 518. (C)
- — — Portage Lake, Manistee County, Mich. Rept. Chief of Eng., 1879, pp. 1634, 1636, 1638; 1887, p. 2181. (C)
- — — Sabine River, La. and Tex. Rept. Chief of Eng., 1880, p. 1190; 1886, p. 222; 1892, p. 1510. (C)
- — — Neches River, Tex. Rept. Chief of Eng., 1880, p. 1204. (C)
- — — Bayou Buffalo, Tex. Rept. Chief of Eng., 1881, pp. 1343, 1344, 1346; 1891, p. 1925; 1892, p. 1550. (C)
- — — Galveston and Brazos River, Tex. Rept. Chief of Eng., 1881, pp. 1376, 1379. (C)
- — — Cohasset Harbor, Mass. Rept. Chief of Eng., 1889, pp. 595, 596. (C)
- — — Weir River, Mass. Rept. Chief of Eng., 1889, p. 599. (C)
- — — Crane and Waters rivers, Mass. Rept. Chief of Eng., 1890, pp. 518, 519. (C)
- — — Weymouth River, Mass. Rept. Chief of Eng., 1890, p. 522; 1891, p. 683; 1892, p. 584. (C)
- — — Beverly Harbor, Mass. Rept. Chief of Eng., 1890, p. 525. (C)
- — — Salem Harbor, including South River, Mass. Rept. Chief of Eng., 1890, p. 530; 1891, p. 640. (C)

- Mansfield, Samuel Mather.** Project, plan, estimate, etc., for the improvement of Chatham Harbor, Mass. Rept. Chief of Eng., 1891, p. 667. (C)
- Mystic River, Conn. Rept. Chief of Eng., 1891, pp. 674, 675, 740. (C)
- Essex River, Mass. Rept. Chief of Eng., 1891, p. 677. (C)
- Town River, Mass. Rept. Chief of Eng., 1891, p. 680. (C)
- Kingston Harbor, Mass. Rept. Chief of Eng., 1891, p. 687. (C)
- Vincent Cove, Gloucester Harbor, Mass. Rept. Chief of Eng., 1893, p. 789. (A)
- Sangus River, Mass. Rept. Chief of Eng., 1893, p. 790. (A)
- Chelsea River, Mass. Rept. Chief of Eng., 1893, p. 791. (A)
- East Boston Channel, Mass. Rept. Chief of Eng., 1893, p. 794. (A)
- Neponset River, Mass. Rept. Chief of Eng., 1893, p. 800. (A)
- Manchester Harbor, Mass. Rept. Chief of Eng., 1895, p. 643. (A)
- Plymouth Harbor, Mass. Rept. Chief of Eng., 1895, p. 646; 1897, pp. 863, 877. (A)
- Merrimac River, Mass. Rept. Chief of Eng., 1896, p. 617. (A)
- Great Salt Pond, Block Island, R. I. Rept. Chief of Eng., 1896, p. 620. (A)
- Duxbury Harbor, Mass. Rept. Chief of Eng., 1897, p. 860. (A)
- Marblehead Harbor, Mass. Rept. Chief of Eng., 1897, p. 870. (A)
- Lynn Harbor, Mass. Rept. Chief of Eng., 1897, p. 872. (A)
- Provincetown Harbor, Mass. Rept. Chief of Eng., 1897, p. 879. (A)
- Merrimac River, Mass. Rept. Chief of Eng., 1898, p. 884. (A)
- Boston Harbor, Mass. Rept. Chief of Eng., 1898, p. 887. (A)
- Comment on Walker's Fortifications and fleets. Jour. Mil. Serv. Inst. U. S., vol. 11, p. 153. (A)
- See Boards—Mansfield; Abbot, 5, 13, 15; Craighill, 18; Houston, 1, 2, 3, 4, 5, 6; Sinter, 8, 9, 10, 11, 12, 13. See Commissions—Mansfield. (A)
- Marcy, Randolph Barnes** (U. S. M. A., 1832). Died Nov. 22, 1887, aged 76. Obituary in Ann. Assoc. Grads. U. S. M. A., 1888. (A)
- Obituary, Harper's New Monthly Mag., vol. 76 (1888), p. 645. (A)
- Report on a route [for a road] from Fort Smith to Santa Fe, New Mexico, dated Nov. 20, 1849. Washington, 1850. Explorations and Surveys.
- Exploration of the Red River of Louisiana, in . . . 1852: By R. B. Marcy, assisted by George B. McClellan . . . Washington, 1854. 1 vol., O. (A)
- The prairie traveler: A handbook for overland expeditions. . . . New York, 1859. 1 vol., O., pp. 340. (A)
- Reports as Inspector-General U. S. Army, 1861-1881.
- Marcy, Randolph Barnes.** Thirty years of army life on the border. 1866. In War Dept. Library.
- Life on the border noticed. Harper's New Monthly Mag., vol. 33 (1866), p. 429. (A)
- Rupert's land and its people. Harper's New Monthly Mag., vol. 41 (1870), p. 286. (A)
- Border reminiscences, 1872. In War Dept. Library.
- Maj. Allan Pinkerton. Harper's New Monthly Mag., vol. 47 (1873), p. 720. (A)
- Ramblings in the West. Harper's New Monthly Mag., vol. 76 (1888), p. 397. (A)
- Historical sketch of the Inspector-General's Department, U. S. Army. [Washington, 1876.] 1 vol., O., p. 11. (A)
- Expedition to sources of Brazos and Big Wichita rivers, 1855. No. 821, doc. 60. (C)
- Exploration of Red River of Louisiana, 1852. No. 666, doc. 54. (C)
- Reconnaissance of route from Fort Smith to Santa Fe. No. 562, doc. 64. (C)
- Same (p. 26). No. 577, doc. 45. (C)
- Marcy, W. L.** (of New York). Member of Board of Visitors to U. S. M. A. in 1839.
- Markle, Joseph** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1862.
- Marmaduke, John Sappington** (U. S. M. A., 1857). Died Dec. 28, 1887, aged 55. Engraving owned by Assoc. Grads. U. S. M. A.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1888. (A)
- Editor of various Missouri newspapers.
- Marsh, Benjamin** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1899.
- Marsh, George P.** (of Vermont). Member of Board of Visitors to U. S. M. A. in 1860.
- Marshall, Elisha Gaylord** (U. S. M. A., 1850). Died Aug. 3, 1883, aged 55. Obituary in Ann. Assoc. Grads. U. S. M. A., 1884. (A)
- Marshall, Humphrey** (U. S. M. A., 1832). Died Mar. 28, 1872, aged 60. Engraving owned by Assoc. Grads. U. S. M. A.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1872; Harper's New Monthly Mag., vol. 45, (1872), p. 153. (A)
- Humphrey Marshall (by A. C. Quisenberry), 1892.
- Marshall, James M.** (U. S. M. A., 1865). Photograph in Albums of officers' mess.
- Treasurer U. S. M. A., Dec. 31, 1870, to Sept. 20, 1872; Sept. 8, 1873, to June 28, 1875.
- Marshall, Louis** (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1836.
- Marshall, Samuel S.** (of House of Representatives). Member of Board of Visitors to U. S. M. A. in 1873.
- Marshall, William Louis** (U. S. M. A., 1868). Tables for the reduction of transit observations for time. Computed for the latitude $40^{\circ} 47' 20''$. 1 pam. Q. Willis Point, 1872. (A)
- Theory of barometric oscillations. Essayous Club Papers, No. 23, 1872. (A)
- Project, plan, estimate, etc., for the improvement of Coosa River, Ala. and Ga. Rept. Chief of Eng., 1877, p. 598. (C)

- Marshall, William Louis.** Project, plan, estimate, etc., for the improvement of Milwaukee Bay, Wis. Rept. Chief of Eng., 1887, pp. 2060, 2061. (C)
- Calumet Harbor, Ill. Rept. Chief of Eng., 1888, p. 1889; 1889, p. 2117; 1890, p. 2405. (C)
- bridges across the Fox River and the Portage Canal, Wis. Rept. Chief Eng., 1888, p. 2518. (C)
- canalway connecting Lake Michigan with the Calumet River. Rept. Chief of Eng., 1889, p. 2155. (C)
- Berry Lake, Ind. Rept. Chief of Eng., 1889, p. 2157. (C)
- Wolf River Harbor, Ind., on Lake Michigan. Rept. Chief of Eng., 1893, p. 2851. (A)
- Illinois and Mississippi Canal. Rept. Chief of Eng., 1897, p. 2867. (A)
- East River, N. Y. Rept. Chief of Eng., 1900, p. 1435. (A)
- Illinois River, Ill. Rept. Chief of Eng., 1900, p. 3863. (A)
- Buttermilk Channel, New York Harbor, N. Y. Rept. Chief of Eng., 1901, pp. 1300, 1303. (A)
- Kampsville lock and dam, Illinois River, Ill.; detailed drawings of (in 14 sheets). 1892.
- and Hoxie, Richard Leveridge (U. S. M. A., 1868). Instructions for taking and recording meteorological observations, and for preserving and repairing the instruments prepared for the use of field and astronomical parties, etc. Washington, 1875. O. Explorations and surveys.
- See Boards—Allen, 1, 2; Craighill, 7; Ludlow, 1; Lydecker, 1; Mahan, 1, 2; Mendell, 17; Poe, 3, 10, 14, 15, 16; Robert, 24, 25, 28, 29, 30, 31, 33; Stickney, 1, 6; Suter, 8, 9, 10, 11, 12, 13. See Commissions—Marshall; Stickney, 3, 4, 5, 7, 9. (A)
- Martin, J. A.** (of Kansas). Member of Board of Visitors to U. S. M. A. in 1866.
- Martin, James Green** (U. S. M. A., 1840). Died Oct. 4, 1878, aged 59. Obituary in Ann. Assoc. Grads. U. S. M. A., 1879. (A)
- Computations, p. 9; Triangulations, sec. 3, relieved, p. 19. U. S. Coast Survey Rept., 1846. (A)
- Martin, James Porter** (U. S. M. A., 1860). Died Feb. 19, 1895, aged 58. Obituary in Ann. Assoc. Grads. U. S. M. A., 1895. (A)
- Martin, Leonard** (U. S. M. A., 1861). Died Apr. 14, 1890, aged 52. Obituary in Ann. Assoc. Grads. U. S. M. A., 1890. (A)
- Martin, Peter** (of Alabama). Member of Board of Visitors to U. S. M. A. in 1835.
- Martin, William Thomas** (U. S. M. A., 1837). Draughtsman, p. 73; Details of work, p. 146. U. S. Coast Survey Rept., 1861. (A)
- Martindale, John Henry** (U. S. M. A., 1831). Died Dec. 13, 1881, aged 69. Obituary in Ann. Assoc. Grads. U. S. M. A., 1882; Harper's New Monthly Mag., vol. 64 (1882), p. 476. (A)
- Marvin, William** (of Florida). Member of Board of Visitors to U. S. M. A. in 1866.
- Marye, William Augustus** (U. S. M. A., 1862). Plans for moving heavy ordnance. Ord Notes 24, vol. 1, p. 130. (A)
- Mason, Charles** (U. S. M. A., 1820). Died Feb. 25, 1882, aged 77. Obituary in Ann. Assoc. Grads. U. S. M. A., 1882. (A)
- acting editor of the New York Evening Post, 1835-36.
- Author of various papers on financial subjects, 1867-1882.
- Mason, James Louis** (U. S. M. A., 1830). Died Sept. 5, 1853, aged 36. Various military and scientific memoirs and reports, 1836-1853.
- An analytical investigation of the resistance of piles to superincumbent pressure. Prof. Papers Corps of Eng., U. S. A., No. 5. Washington, 1850. O. (A)
- Mason, James M.** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1830.
- Mason, John Sanford** (U. S. M. A., 1847). Died Nov. 29, 1897, aged 73. Obituary in Ann. Assoc. Grads. U. S. M. A., 1898. (A)
- Mason, Stanton Augustus** (U. S. M. A., 1875). Died Mar. 9, 1891, aged 38. Obituary in Ann. Assoc. Grads. U. S. M. A., 1891. (A)
- Massey, Solon Frederick** (U. S. M. A., 1877). Died July 12, 1901, aged 48. Photograph in Albums of officers' mess.
- Essay . . . The present defenseless condition of the seaboard of the United States. . . . 1 pam., O., 1886. Art. School, U. S. (A)
- The late revolution in Colombia. Jour. Mil. Serv. Inst., U. S., vol. 22, p. 288. (A)
- Masson, Florimond.** Teacher of French, U. S. M. A., 1810-1815.
- Masson, Francis Désiré.** Teacher of drawing, U. S. M. A., 1803-1808.
- First teacher of French, U. S. M. A., 1803-1810.
- Mather, William Williams** (U. S. M. A., 1828). Died Feb. 27, 1859, aged 54. Obituary in Ann. Assoc. Grads. U. S. M. A., 1884. (A)
- Member of Board of Visitors to U. S. M. A. in 1855.
- Sketch of the geology and mineralogy of New London and Windham counties, in Connecticut. Norwich, 1834.
- Second annual report of the geological survey of the State of Ohio. . . . Columbus, 1838. 1 vol., O. (A)
- Author of various reports on agriculture, mineralogy, and geology.
- Mauck, Edwin** (U. S. M. A., 1865). Died Aug. 16, 1880, aged 38. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Mauldin, Frank Gratin** (U. S. M. A., 1890). Quartermaster U. S. M. A., May 12 to May 19, 1898.
- Geographical key to Duruy's general history. [n. d.] 1 pam. (A)
- Maury, Dabney Herndon** (U. S. M. A., 1846). Died Jan. 11, 1900, aged 78. Engraving owned by Assoc. Grads. U. S. M. A.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Skirmish drill for mounted troops. Printed by order of the War Department. Washington, 1859. 1 pam., O. (A)

- Maury**, Dabney Herndon. *Recollections of a Virginian in the Mexican, Indian, and civil wars.* New York, 1894. 1 v., O.
- Maxey**, Samuel Bell (U. S. M. A., 1846). Died Aug. 16, 1895, aged 70. Engraving (by H. B. Hall's Sons) owned by Assoc. Grads. U. S. M. A.—
—Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1896. (A)
—Member of Board of Visitors to U. S. M. A. in 1877.
—University address, delivered on the commencement day, June 10, 1889, University of Texas. O., pam. 1889. (A)
- Maxon**, D. W. (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1868.
- Maxwell**, Marcus (U. S. M. A., 1886). Newspaper editor since 1894.
- May**, Will Thompson (U. S. M. A., 1879). Cyclists' drill regulations. (A)
- Maynadier**, William (U. S. M. A., 1827). Died July 3, 1871, aged 65. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1872. (A)
- Maynard**, Edward (of District of Columbia). Member of Board of Visitors to U. S. M. A. in 1863.
- Meade**, Francis Key (U. S. M. A., 1898). Died Sept. 22, 1900, aged 23. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Meade**, George Gordon (U. S. M. A., 1835). Died Nov. 6, 1872, aged 57. Portrait (oil painting by T. Henry Smith). Presented by Henry Carey Baird. In memorial hall, West Point.
—Statue. At Fairmount Park, Philadelphia, unveiled 1887.
—Bronze (equestrian) statue (by A. M. Calder). In Philadelphia, Pa.
—Bronze equestrian statue. Gettysburg battlefield.
—Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1873; Harper's New Monthly Mag., vol. 46 (1873), p. 311. (A)
—Coffin's patches. U. S. Coast Survey Rept. 1854, p. *228. (A)
—Report of the survey of the north and northwest lakes, 1860. Detroit, 1861.
—Report of Major-General Meade's military operations and administration of civil affairs in the Third military district and Department of the South, for the year 1868 . . . Atlanta, Ga., 1868. 1 vol., O. (A)
—Did General Meade desire to retreat at the battle of Gettysburg? 1 v., O. Philadelphia, 1883. (A)
—Address by Col. J. C. Biddle. 1888. *In* War Dept. Library.
—Life of Gen. George Gordon Meade (by Richard Meade Bache). Philadelphia, 1897.
—Pennypacker, (I. R.) General Meade . . . New York, 1901. 1 vol., O. [Great Commanders.] (A)
—Report of, on murder of G. W. Ashburn. *In* War Dept. Library.
—See: A critical examination (in part) of Pennypacker's life of Gen. George G. Meade. Tivoli, N. Y., 1901. 1 v., O. (A)
—See Boards—Humphreys, I. (A)
- Meade**, Hedijah (of Virginia). Member of Board of Visitors to U. S. M. A. in 1841.
- Medcalf**, William Morgan (U. S. M. A., 1876). Died Oct. 21, 1886, aged 33. Photograph *in* Albums of officers' mess.
—Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1887. (A)
—For gun construction, manufacture of steel by Otis Iron and Steel Company. Rept. Chief of Ord., 1884, p. 432. (C)
—Report on drawing and rolling 20 steel billets into wire, p. 436; Jones & Laughlin's, Pittsburg, Pa., report of work done for Ordnance Department during year ending June 30, 1885, p. 469; Wire, report on manufacture of steel gun, at Trenton Iron Works, p. 473. Rept. Chief of Ord., 1885. (C)
—Powder, report on experimental cannon, p. 449; Siege howitzer, design for a 7-inch, p. 203. Rept. Chief of Ord., 1886. (C)
—Banded projectiles of the French army service. Notes Constr. Ord. No. 28, vol. 2, p. 1. (A)
—Researches on the penetration of projectiles. Ord. Note 295, vol. 10. (A)
—translator. Field artillery and its organization. Ord. Note, 335, vol. 12. (A)
—Machines for the physical tests of metals. Ord. Note 341, vol. 12. (A)
—translator. Synopsis of the principal points in the theory of the probability of fire. Ord. Note 342, vol. 12. (A)
- Meiga**, John Rodgers (U. S. M. A., 1863). [Facsimile letter concerning his appointment to U. S. M. A., 1857, signed by Jefferson Davis and others.] (A)
- Meiga**, Montgomery Cunningham (U. S. M. A., 1836). Died Jan. 2, 1892, aged 76. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
—Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1892; Biog. Mem. Nat. Acad. Sci., vol. 3, p. 311; Harper's New Monthly Mag., vol. 84 (1892), p. 644. (A)
—Reports as Quartermaster-General U. S. Army, 1861-1882.
—Instructions for transport and erection of military wire suspension bridge equipage. Washington, 1862. 1 vol., O., pp. 24, pls. 10. (A)
—Mémoir. H. L. Abbot. 1893. *In* War Dept. Library.
- Mellen**, Albert Hastings (U. S. M. A., 1874). Died Sept. 21, 1876, aged 23. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- Mendell**, George Henry (U. S. M. A., 1852). Died Oct. 19, 1902, aged —. Treasurer, U. S. M. A., June 24, 1862, to Oct. 25, 1862.
—Instructor of practical engineering, U. S. M. A., 1864-65.
—Treaties on military surveying . . . New York, 1864. 1 vol., O. (A)
—Project, plan, estimate, etc., for the improvement of Plymouth Beach and Harbor, Mass. Rept. Chief of Eng., 1866, vol. 2, p. 28. (C)
—Duxbury Beach and Harbor, Mass. Rept. Chief of Eng., 1866, vol. 2, p. 36. (C)

- Mendell, George Henry.** Project, plan, estimate, etc., for the improvement of Wilmington Harbor, Cal. Rept. Chief of Eng., 1870, p. 484; 1871, p. 947; 1874, vol. 2, p. 370; 1879, vol. 2, p. 617; 1880, p. 2232; 1881, p. 2467; 1885, pp. 2335, 2339; 1886, pp. 1912, 1913, 1914; 1887, p. 2430. (C)
- San Diego Harbor, Cal. Rept. Chief of Eng., 1873, pp. 631, 1114; 1876, vol. 2, pp. 622, 631. (C)
- Rincon rock, San Francisco Harbor, Cal. Rept. Chief of Eng., 1873, pp. 1137, 1139; 1874, vol. 2, p. 371. (C)
- Estero Bay (San Luis Obispo County), Cal. Rept. Chief of Eng., 1873, p. 1141. (C)
- Sacramento and Feather rivers, Cal. Rept. Chief of Eng., 1875, vol. 2, p. 700; 1877, p. 992; 1879, pp. 1754, 1755; 1880, p. 2334; 1886, p. 1926. (C)
- Monterey Harbor, Cal. Rept. Chief of Eng., 1875, vol. 2, pp. 708, 709. (C)
- Humboldt Harbor and Bay, Cal. Rept. Chief of Eng., 1881, pp. 2480, 2488. (C)
- Mokelumne River, Cal. Rept. Chief of Eng., 1882, p. 2639; 1888, p. 2131; 1889, p. 2480. (C)
- Red Wood Harbor, Cal. Rept. Chief of Eng., 1884, p. 2204. (C)
- Santa Monica River, Cal. Rept. Chief of Eng., 1884, p. 2209. (C)
- Clear Lake, Cal. Rept. Chief of Eng., 1884, p. 2210. (C)
- Petaluma Creek, Cal. Rept. Chief of Eng., 1885, p. 2339; 1887, p. 2446. (C)
- San Mateo River, Cal. Rept. Chief of Eng., 1885, p. 2343. (C)
- Napa River, Cal. Rept. Chief of Eng., 1885, p. 2346; 1888, p. 290; 1892, p. 2622. (C)
- entrance to harbor of San Francisco, Cal., known as Golden Gate. Rept. Chief of Eng., 1893, p. 3221. (A)
- Report on blasting operations at Lime Point, Cal., on the 16th and 28th May, 1868. Washington, 1868. O. Misc. Papers, No. 1. (A)
- Alexander, Barton Stone, and Davidson, George. Report on the irrigation of the San Joaquin, Tulare, and Sacramento valleys of the State of California. Washington, 1874.
- translator (jointly with Craighill, William Price). Jomini's Art of war. Philadelphia, 1862. 1 vol., O. (A)
- See Boards—Mendell; Alexander, 2, 3, 4, 5, 6, 7; Stewart, 1, 2, 3, 4, 5, 6; Williamson, 1, 2, 3, 4, 5. See Commission—Mendell; Alexander, 1. (A)
- Mendenhall, John** (U. S. M. A., 1851). Died July 1, 1892, aged 63. Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- In memoriam. In Twenty-fourth reunion of the Army of the Cumberland, Cleveland, Ohio, September, 1893, p. 247. Cincinnati, 1894. (A)
- Menoher, Charles Thomas** (U. S. M. A., 1886). Notice of Burnham's Duties of outposts, ordnance and rear guard, with manual of guard duty, U. S. Army. Jour. U. S. Art., vol. 2, p. 673.
- Notice of Parkhurst's Dynamo and motor construction for amateurs, with working drawings, p. 752; Notice of Houston's Electricity one hundred years ago and to-day, p. 753. Jour. U. S. Art., vol. 3.
- Merceur, Hugh** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1825 and in 1828.
- Mercer, Hugh Weedon** (U. S. M. A., 1828). Died June 9, 1877, aged 69. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Merchant, Charles Spencer** (U. S. M. A., 1814). Died Dec. 6, 1879, aged 84. Obituary in Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Mercur, James** (U. S. M. A., 1809). Died Apr. 21, 1890, aged 53. Portrait (oil painting by Geo. B. Butler) presented by U. S. M. A. In the Library U. S. M. A.
- Photograph in Albums of officers' mess.
- Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Professor of civil and military engineering, U. S. M. A., 1884-1896.
- Lithographic and photo-lithographic works. Essayons Club Papers, No. 31, 1874. (A)
- Longitude by lunar culminations. Essayons Club Papers, No. 38, 1875. (A)
- Project, plan, estimate, etc., for the improvement of Beaufort Harbor, N. C. Rept. Chief of Eng., 1882, pp. 1095, 1096, 1098. (C)
- White Oak River, N. C. Rept. Chief of Eng., 1882, p. 1113; 1884, p. 1055. (C)
- Meherrin River, N. C. Rept. Chief of Eng., 1882, p. 1115. (C)
- New River, N. C. Rept. Chief of Eng., 1882, p. 1117; 1885, p. 1082; 1887, p. 1040; 1891, p. 1380. (C)
- Cape Fear and Waccamaw rivers, N. C. Rept. Chief of Eng., 1882, p. 1120. (C)
- Winyaw Bay, S. C. Rept. Chief of Eng., 1882, p. 1123; 1885, p. 1159. (C)
- Oregon Inlet, N. C. Rept. Chief of Eng., 1882, p. 1128. (C)
- Rondout Harbor, N. Y. Rept. Chief of Eng., 1884, p. 700. (C)
- Milford Haven, Va. Rept. Chief of Eng., 1884, p. 1054. (C)
- Broad River, N. C. Rept. Chief of Eng., 1884, p. 1058. (C)
- Alligator River, N. C. Rept. Chief of Eng., 1884, p. 1059. (C)
- Black River, N. C. Rept. Chief of Eng., 1884, p. 1061. (C)
- Morehead City, N. C. Rept. Chief of Eng., 1884, p. 1063. (C)
- Bay River, N. C. Rept. Chief of Eng., 1884, p. 1064. (C)
- Hudson River, N. Y. Rept. Chief of Eng., 1885, p. 712. (C)
- Mahan's Permanent fortification. 2d ed., rev. and enl. 1 vol., O. 1888.
- Elements of the art of war. Prepared for the use of the cadets of the U. S. M. A. . . . West Point, 1889. 1 vol., O. (A)
- Military mining, including blasting and demolitions . . . West Point, 1892. 1 pam., O. (A)
- Attack of fortified places, including sieges, works, mining, and demolitions. Prepared for the use of the cadets of the U. S. M. A. . . .

- 1st ed., 1st thousand. New York, 1894. 1 vol., O., xvi+197 pp., 12 pls. (A)
- Mercur, James.** Military land mines. In Chicago Exposition, 1893. Int. Cong. Eng. Oper. Div. Mil. Eng. — See Boards—Mercur. (A)
- See West Point, maps, 1886.
- Merrill, Abner Hopkins** (U. S. M. A., 1866). Field music. Jour. Mil. Serv. Inst. U. S., vol. 16, p. 84. (A)
- Merrill, Hamilton Wilcox** (U. S. M. A., 1835). Died July 14, 1892, aged 78. Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Merrill, Lewis** (U. S. M. A., 1855). Died Feb. 27, 1896, aged 62. Obituary in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Merrill, William Emery** (U. S. M. A., 1850). Died Dec. 14, 1891, aged 54. Obituary in Ann. Assoc. Grads. U. S. M. A., 1892. (A)
- In memoriam. In twenty-third reunion of the Army of the Cumberland, Chickamauga, Ga., September, 1892. Cincinnati, 1892. (A)
- Project, plan, estimate, etc., for the improvement of Mobile Harbor, Ala. Rept. Chief of Eng., 1866, vol. 1, pp. 52, 53, 54. (C)
- Monongahela River. Rept. Chief of Eng., 1872, pp. 416, 417; 1873, pp. 504, 505; 1886, p. 1542; 1887, pp. 1802, 1808. (C)
- Licking River, Ky. Rept. Chief of Eng., 1872, pp. 423, 424, 425; 1879, p. 1423; 1885, p. 1844. (C)
- Mississippi River, between Cairo and mouth. Rept. Chief of Eng., 1872, p. 435. (C)
- Kanawha River (Great), W. Va. Rept. Chief of Eng., 1873, pp. 59, 506, 508. (C)
- Mount Vernon Harbor, Ind. Rept. Chief of Eng., 1873, p. 525. (C)
- Ohio River (except the Falls). Rept. Chief of Eng., 1874, vol. 1, pp. 64, 404, 406, 409, 410, 411, 414, 424, 480; 1875, vol. 1, pp. 686, 687, 688, 735, 918, 924; 1875, vol. 2, pp. 608, 611, 612, 613, 614, 616, 617, 627, 629, 630, 631; 1876, vol. 2, pp. 5, 14, 28; 1878, pp. 803, 805; 1879, pp. 13, 16. (C)
- Chesapeake and Ohio Canal. Rept. Chief of Eng., 1874, vol. 1, pp. 494, 497, 498, 500, 504, 511, 521, 529, 534, 544, 550, 553, 554, 558; 1875, vol. 1, p. 770; 1876, vol. 2, pp. 59, 78, 81, 82, 83, 84, 86, 87, 88, 89, 90, 92, 95, 99, 101, 102, 103, 113, 116, 123, 124. (C)
- Youghiogheny River, Pa. Rept. Chief of Eng., 1874, vol. 1, pp. 497, 556, 559, 563; 1881, p. 1958. (C)
- Twelve-Pole River, W. Va. Rept. Chief of Eng., 1875, vol. 1, pp. 749, 750, 754. (C)
- Sandy River (Big), Ky. Rept. Chief of Eng., 1875, vol. 1, pp. 757, 759. (C)
- Guyandotte River, W. Va. Rept. Chief of Eng., 1875, vol. 1, p. 794; 1878, p. 108; 1879, p. 1352; 1880, p. 196. (C)
- transportation routes to the seaboard, central route, first subdivision, the Ohio River, Cairo to Pittsburg. Rept. Chief of Eng., 1875, vol. 2, pp. 608, 614, 627, 628, 629. (C)
- Merrill, William Emery.** Project, plan, estimate, etc., for the improvement of Cincinnati, Ohio. Rept. Chief of Eng., 1878, pp. 823, 824, 825, 826, 827, 828, 829; 1879, pp. 1360, 1361-1363, 1364. (C)
- Kentucky River and its tributaries, Ky. Rept. Chief of Eng., 1879, p. 1399. (C)
- Little Kanawha River, W. Va. Rept. Chief of Eng., 1880, p. 1795. (C)
- Bellaire, Ohio. Rept. Chief of Eng., 1881, pp. 1951, 1953. (C)
- Point Pleasant, W. Va. Rept. Chief of Eng., 1881, pp. 1955, 1957. (C)
- Red Bank Creek, Pa. Rept. Chief of Eng., 1881, p. 1961. (C)
- Clarion River, Pa. Rept. Chief of Eng., 1882, pp. 1938, 1941. (C)
- Tionesta Creek, Pa. Rept. Chief of Eng., 1884, p. 1704; 1891, p. 2381. (C)
- Middleport, Ohio. Rept. Chief of Eng., 1884, pp. 1708, 1710. (C)
- Buckhannon River, W. Va. Rept. Chief of Eng., 1884, p. 1719. (C)
- Taggart's Valley River, W. Va. Rept. Chief of Eng., 1884, p. 1719. (C)
- Bridge near Fairmont, W. Va. Rept. Chief of Eng., 1885, pp. 293, 1920, 1922, 1924. (C)
- Shawneetown Harbor, Ill. Rept. Chief of Eng., 1885, p. 1828. (C)
- New Harbor, Ind. Rept. Chief of Eng., 1885, p. 1829. (C)
- Paducah, Ky. Rept. Chief of Eng., 1885, p. 1830; 1887, p. 1833. (C)
- Owensboro Harbor, Ky. Rept. Chief of Eng., 1885, p. 1831. (C)
- Scioto River, Ohio. Rept. Chief of Eng., 1885, pp. 1836, 1839. (C)
- Lawrenceburg Harbor, Ind. Rept. Chief of Eng., 1885, p. 1842. (C)
- Big Hocking River, Ohio. Rept. Chief of Eng., 1887, p. 1835. (C)
- Cheat River, W. Va. Rept. Chief of Eng., 1889, p. 1906; 1891, p. 2361. (C)
- Iron truss bridges for railroads. Methods of calculating strains, with a comparison of the most prominent truss bridges, and new formulas for bridge computations; also the economical angles for struts and ties. 1 vol., F [Q]. New York, 1870. (A)
- Photographs of the Davis Island dam, Ohio River. Improvement under his direction. 2 sheets. January, 1879.
- 4 sheets. 1881.
- 14 sheets. July, 1881.
- 3 sheets. September, 1881.
- 10 sheets. 1881.
- Photographs of dredges, towboats, and other vessels pertaining to Ohio River improvements under his direction. 8 sheets. 1881.
- Photographic views of the Muskingum River at its mouth, and part of dam No. 1. 6 sheets, 5 of which were taken in November, 1878, and 1 in December, 1881.
- Photographs relating to hydraulic gates and dams, taken from plates in *Annales des Ponts et Chaussées*. 7 sheets. [2 sets.]

- Merrill, William Emery.** On the improvement of nontidal rivers. Translated from the French of MM. S. Janicki, S. Jaquet, and A. Pasqueau. Q. 1881. (A)
- Ohio River, map of the (in 41 sheets). 1881.
- Photographs of dredge boats and ice-harbor fleet on Ohio River; Muskingum ice harbor, Marietta; Louisville and Portland canal dredges Nos. 1 and 2; the canal in the flood of 1883; and of Newport Barracks, Ky., during and after the flood of 1883. 15 sheets. March and April, 1883.
- Translation of Memoir on a new kind of movable dam (by S. Janicki). 1 v., O., pp. 11, pl. 2. Washington, 1883.
- Photographs showing progress of work on locks Nos. 8 and 9. Improvement of the Monongahela River. 6 sheets. 1884
- Plans of Davis Island dam, Ohio River (in 12 sheets). 1889.
- Franklin, battlefield in front of. The United States forces under command of Maj. Gen. John M. Schofield, Nov. 30, 1864
- Engineer service of the Army of the Cumberland; block houses; canvas ponton-trains, etc. O. *In* Van Horne's (T. B.) History of the Army of the Cumberland, vol. 2.
- The relation of forestry to the floods of the Ohio River Valley. O., p. 8.
- Solution of a prize problem. *In* Math. Monthly, vol. 1, p. 258. (A)
- See Boards—Merrill; Comstock, 7, 8, 9, 10, 11; Craighill, 1, 2, 4, 8, 9, 12; Macomb, 21, 31; Newton, 2, 3, 4; Poe, 1, 3, 7, 8, 11; Simpson, 4, 5, 6; Tower, 4, 7, 26; Warren, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 15; Weitzel, 1, 2, 4; Wright, 4, 6. (A)
- Merritt, Wesley** (U. S. M. A., 1860). Portrait (oil painting by J. C. Beckwith), 1885, presented by U. S. M. A., in cadet mess hall.
- Engraving (by Rembrandt Engraving Company, of Philadelphia) owned by Assoc. Grads. U. S. M. A.
- Enlarged photograph in a group [see Sheridan, P. H.]. In memorial hall.
- Twenty-first Superintendent from Sept. 1, 1882, to July 1, 1887. Repts. Supt. U. S. M. A., 1882-1887.
- Marching cavalry. Jour. Cav. Assoc., 1888, p. 71. (A)
- The Army of the United States, p. 493; Three Indian campaigns, p. 720. Harper's New Monthly Mag., vol. 80. (1890.) (A)
- Life of Gen. Philip St. G. Cooke. Jour. Cav. Assoc., 1895, p. 70. (A)
- Report on campaign in the Philippines, 1898. *In* U. S. Dept. of War, Sec. of War, Report, 1898.
- Note on the surrender of Lee. Century Mag., vol. 63, p. 944, April, 1902. (P)
- Annual report. Jour. U. S. Art., vol. 12, p. 178.
- Improvements in the art of war in the past twenty years and probable effect on future military operations. Jour. Mil. Serv. Inst. U. S., vol. 4, p. 172. (A)
- Comment on Woodhull's Medical Department. Jour. Mil. Serv. Inst. U. S., vol. 11, p. 657. (A)
- Merritt, Wesley.** See Dakota, Dept. of Headquarters, Annual Report, 1894.
- Metcalf, Henry** (U. S. M. A., 1868). Metcalfe cartridge block. Rept. Chief of Ord., 1875, p. 80. (C)
- Report of International Exhibition, 1876, p. 33; Rock Island Arsenal, description of model in photosculpture at International Exhibition, 1876, p. 36; Gun, method of unloading 20-inch, at International Exhibition, 1876, p. 37. Rept. Chief of Ord., 1876. (C)
- Description of Metcalfe's pressure gauge. Rept. Chief of Ord., 1877, p. 361. (C)
- Dynamometers, recoil, p. 109; Lubricants for machinery, test of, p. 115; Friction, method of determining axle, p. 116; Measuring wheel for measurement of areas of resilience of cartridge metals, p. 139. Rept. Chief of Ord., 1878. (C)
- Inspection of contract small-arm ammunition. Rept. Chief of Ord., 1881, p. 155. (C)
- Accuracy of small-arm firing, determination of. Rept. Chief of Ord., 1882, p. 316. (C)
- Ordnance and gunnery, U. S. M. A. Pt. 1: Explosives, metallurgy, and projectiles. West Point, 1889. 1 vol., O. (A)
- Projectiles. *In* Chicago Exposition, 1893, Int. Cong. Eng. Oper. Div. Mil. Eng.
- Report on washing cotton waste. Ord. Note 16, vol. 1, p. 88. (A)
- Report on internal pressure gauge. Ord. Note 58, vol. 2, p. 413. (A)
- Report on lubricants for machinery—new method of determining axle friction. Ord. Note 84, vol. 3, p. 664. (A)
- Report of inspections of contract small-arm ammunition. Ord. Note 143, vol. 5. (A)
- Description of the improved capstan made at Benicia Arsenal, Cal., for issue to Fort Winfield Scott. Ord. Note 307, vol. 10. (A)
- Improved capstan. Ord. Note 339, vol. 12. (A)
- and Rockwell, James (U. S. M. A., 1870). Hitchcock 9-inch rifle, reports on construction of. Rept. Chief of Ord., 1876, p. 185. (C)
- Metcalf, John Thomas** (U. S. M. A., 1838). Died Jan. 30, 1902, aged 84. Author of various papers on medical science, 1845-1887.
- Meyler, James Joseph** (U. S. M. A., 1887). Died Dec. 12, 1901, aged 35. Project, plan, estimate, etc., for the improvement of Orange River, Fla. Rept. Chief of Eng., 1897, p. 1571. (A)
- inside passage from Punta Rasa to Charlotte Harbor, Fla. Rept. Chief of Eng., 1897, p. 1573. (A)
- harbor at Cedar Keys, Fla. Rept. Chief of Eng., 1897, p. 1584. (A)
- San Pedro, Cal. Rept. Chief of Eng., 1900, p. 4194. (A)
- Colorado River between El Dorado Canyon and Riverville, Nev. Rept. Chief of Eng., 1901, p. 3403. (A)
- Michie, Dennis Mahan** (U. S. M. A., 1892). Died July 1, 1898, aged 25. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Michie, Peter Smith** (U. S. M. A., 1863). Died Feb. 16, 1901, aged 62. Portrait (oil painting by George B. Butler). [1895 or 1896.] Pre-

- sented by U. S. M. A. *In the Library U. S. M. A.*
- Michie, Peter Smith.** Photograph *in* Albums of officers' mess.
- Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Instructor of practical engineering, U. S. M. A., 1867-1871.
- Librarian U. S. M. A. from Aug. 28, 1888, to Feb. 16, 1901.
- Caste at West Point. *In* North Amer. Rev., vol. 130, June, 1880.
- Elements of wave motion, relating to sound and light. 1882.
- The life and letters of Emory Upton . . . 1 vol., O., 1885. (A)
- Elements of analytical mechanics. 1880-87.
- The personnel of seacoast defense. [Mon. No. 5, Mil. Serv. Inst.] New York, 1887. 1 vol., O., pp. 17. (A)
- Elements of hydromechanics. 1888.
- On the increase of the number of cadets [at U. S. M. A.]. *In* Jour. Mil. Serv. Inst. U. S., vol. 12 (1891), p. 246. (A)
- Educational methods at West Point. *Ed. Rev.*, November, 1892, pp. 350-365. (A)
- Comment on Willcox's Preliminary examination, West Point. *Jour. Mil. Serv. Inst. U. S.*, vol. 17 (1895), p. 168. (A)
- Historical sketch of the department of natural and experimental philosophy, U. S. M. A. *In* Rept. Supt. U. S. M. A., 1896, pp. 14-23. (A)
- General McClellan . . . New York, 1901. 1 vol., O. [Great commanders.] (A)
- American military roads and bridges. *In* Chicago Exposition, 1893, Int. Cong. Eng. Oper. Div. Mil. Eng.
- 21 sheets of drawings of rebel torpedoes and ordnance, 1865. 1 portfolio, F. (26½ x 20 in.). Notes explaining the plates. O. Pam. kept in portfolio. [Text and plates are photographed.] (A)
- Reminiscences of cadet and army service. *In* N. Y. State Commandery. M. O. L. L. U. S. Personal recollections of the war of the rebellion, 2d ser. (A)
- Education in its relation to the military profession. *Jour. Mil. Serv. Inst. U. S.*, vol. 1, p. 154. (A)
- **Barnard, John Gross** (U. S. M. A., 1833), and **Wright, Horatio Gouverneur** (U. S. M. A., 1841). Report on the fabrication of iron for defensive purposes and its uses in modern fortifications, especially in works of coast defense. Prof. Papers, Corps of Eng., U. S. A., No. 21, with a supp. Washington, 1871. Q. (A)
- and **Harlow, Frank Stovall** (U. S. M. A., 1879). Practical astronomy . . . 2d ed. . . . New York, 1893. 1 vol., O., ix + 218 pp. (A)
- and **Michler, Nathaniel** (U. S. M. A., 1848). Armies of the Potomac and James; maps illustrating the operations of, from May 4, 1864, to Apr. 9, 1865, including the battlefields of the Wilderness, Spottsylvania, North Anna, Totopotomoy, Cold Harbor, Bermuda Hundred, siege of Petersburg and Richmond, battlefields of Five Forks, Jetersville and Sailors Creek, High Bridge, Farmville, and Appomattox Court House; also Harpers Ferry, Antietam, Chancellorsville, Fredericksburg, and South Mountain, with index sheet.
- Michie, Peter Smith.** See: West Point, Memorial tablets of the Revolutionary and Spanish-American war [with address by Professor Michie]. 1 pam., O. 1899.
- Michler, Frank** (U. S. M. A., 1870). Died May 29, 1901. Photograph *in* Albums of officers' mess.
- Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Adjutant U. S. M. A., July 1, 1878, to Feb. 28, 1881.
- Michler, Nathaniel** (U. S. M. A., 1848). Died July 17, 1881, aged 54. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1882. (A)
- Report of a survey for an interoceanic ship canal across the Isthmus of Darien, connecting the Atlantic and Pacific oceans, 1857-1859. Text and maps. Washington, 1861. O. Explorations and Surveys.
- Project, plan, estimate, etc., for the improvement of Potomac River. Rept. Chief of Eng., 1868, pp. 61, 889, 911, 913, 924; 1869, p. 514; 1870, pp. 530, 534. (C)
- Willamette and Columbia rivers. Rept. Chief of Eng., 1874, vol. 2, p. 352; 1875, vol. 2, pp. 734, 735, 736, 738. (C)
- Coquille River, Ore. Rept. Chief of Eng., 1874, vol. 2, pp. 367, 368. (C)
- Columbia (upper) and Snake rivers. Rept. Chief of Eng., 1875, vol. 2, p. 772. (C)
- Skaget River, Wash. Rept. Chief of Eng., 1875, vol. 2, p. 792. (C)
- Yamhill River, Ore. Rept. Chief of Eng., 1875, vol. 2, pp. 796, 798. (C)
- Snohomish River, Wash. Rept. Chief of Eng., 1875, vol. 2, p. 799. (C)
- Chehalis River, Wash. Rept. Chief of Eng., 1875, vol. 2, p. 800. (C)
- Shoalwater Bay to Columbia River, Ore. Rept. Chief of Eng., 1876, vol. 2, p. 644. (C)
- Huron Harbor, Ohio. Rept. Chief of Eng., 1877, p. 559. (C)
- Monroe Harbor (Raisin River), Mich. Rept. Chief of Eng., 1877, p. 948. (C)
- Port Clinton Harbor, Ohio. Rept. Chief of Eng., 1877, p. 956. (C)
- Vermilion Harbor, Ohio. Rept. Chief of Eng., 1877, p. 960. (C)
- Sandusky City Harbor, Ohio. Rept. Chief of Eng., 1880, p. 2110; 1887, pp. 2302, 2336. (C)
- Shrewsbury River, N. J. Rept. Chief of Eng., 1881, pp. 701, 704. (C)
- Elizabeth River, N. J. Rept. Chief of Eng., 1881, p. 707; 1887, p. 768; 1892, p. 879. (C)
- Raritan Bay, N. J. Rept. Chief of Eng., 1881, pp. 715, 717; 1887, p. 750. (C)
- Amboy, from Perth and south to main ship channel, Raritan Bay. Rept. Chief of Eng., 1881, p. 719. (C)

- Michler, Nathaniel.** Project, plan, estimate, etc., for the improvement of Mattawan Creek, N. J. Rept. Chief of Eng., 1881, p. 722; 1886, p. 762; 1891, p. 1003. (C)
- Ticonderoga River, N. Y. Rept. Chief of Eng., 1881, pp. 728, 729; 1892, p. 2613. (C)
- Shark River, N. J. Rept. Chief of Eng., 1881, p. 730. (C)
- Reconnaissance of country between Corpus Christi and Leona and Red River Valley. No. 562, doc. 64. (C)
- Suitable site for a public park and Presidential Mansion. No. 1278, doc. 21. (C)
- Harpers Ferry, Va., including Maryland, Loudoun, and Bolivar Heights, and portions of South and Short mountains, with the positions of the defensive works.
- Reconnaissance of routes from San Antonio to El Paso. Explorations and Surveys.
- and Michie, Peter Smith (U. S. M. A., 1863). Armies of the Potomac and James; maps illustrating the operations of, from May 4, 1864, to Apr. 9, 1865, including the battlefields of the Wilderness, Spottsylvania, North Anna, Totopotomoy, Cold Harbor, Bermuda Hundred, siege of Petersburg and Richmond, battlefields of Five Forks, Jetersville and Sailors Creek, High Bridge, Farmville, and Appomattox Court House; also Harpers Ferry, Antietam, Chancellorsville, Fredericksburg, and South Mountain, with index sheet.
- See Boards—Macomb, 35; Reynolds, 2. (A)
- Middleton, Henry** (U. S. M. A., 1815). Died Mar. 15, 1876, aged 70. Portrait. In possession of Capt. E. M. Blake, Artillery Corps, U. S. Army.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1876. (A)
- The Government and the currency. 1844-45 and 1850.
- Miles, John** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1837.
- Miley, John David** (U. S. M. A., 1887). Died Sept. 19, 1899, aged 37. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- In Cuba with Shafter . . . New York, 1899. 1 vol., O. (A)
- Millar, Edward Alexander** (U. S. M. A., 1882). Comment on Chester's Instruction of Gunners. Jour. U. S. Art., vol. 1, p. 202.
- Coast artillery fire instruction. Jour. U. S. Art., vol. 3, p. 252.
- Scheme for securing uniform examinations for battery competitions. Jour. Mil. Serv. Inst. U. S., vol. 20, p. 553. (A)
- Miller, Alexander Macomb** (U. S. M. A., 1865). Project, plan, estimate, etc., for the improvement of Bayou Pierre, La. Rept. Chief of Eng., 1883, p. 1139. (C)
- Yallobusha River, Miss. Rept. Chief of Eng., 1884, p. 1342. (C)
- Loosascoona River, Miss. Rept. Chief of Eng., 1884, p. 1344. (C)
- Sulphur River, Tex. Rept. Chief of Eng., 1884, p. 1345. (C)
- Onachita and Black rivers, La. and Ark. Rept. Chief of Eng., 1884, p. 1353. (C)
- Miller, Alexander Macomb.** Project, plan, estimate, etc., for the improvement of Roebuck Lake, Miss. Rept. Chief of Eng., 1884, p. 1358. (C)
- Steels Bayou, Miss. Rept. Chief of Eng., 1884, p. 1362. (C)
- Bayou Loggy, Lake Bistenau, and the Dorchent, La. Rept. Chief of Eng., 1884, p. 1363. (C)
- Cane River, La. Rept. Chief of Eng., 1884, p. 1368; 1887, p. 1452. (C)
- Palmyra Lake, La. and Miss. Rept. Chief of Eng., 1884, p. 1371. (C)
- Trenton Harbor, La. Rept. Chief of Eng., 1884, p. 1381. (C)
- Monroe Harbor, La. Rept. Chief of Eng., 1884, p. 1383. (C)
- Osage River, Mo. and Kans. Rept. Chief of Eng., 1887, p. 1594. (C)
- Kaskaskia River, Ill. Rept. Chief of Eng., 1888, pp. 1455, 1456; 1892, p. 1746. (C)
- bridges: (3) Wabash, St. Louis and Pacific Railroad bridge at Attica. Rept. Chief of Eng., 1888, p. 2557. (C)
- bridges: (5) Indiana, Bloomington and Western Railroad bridge at Covington, and Columbus and St. Louis Railroad bridge near Lodi, Ind. Rept. Chief of Eng., 1888, p. 2557. (C)
- bridge of the Missouri Pacific Railroad Company. Rept. Chief of Eng., 1888, p. 2559. (C)
- Grand River, Mo. Rept. Chief of Eng., 1889, p. 1711. (C)
- St. Louis Harbor, Mo. Rept. Chief of Eng., 1889, p. 1712. (C)
- Colorado River, Tex. Rept. Chief of Eng., 1895, p. 1821. (A)
- Guadalupe River, Tex. Rept. Chief of Eng., 1895, p. 1826. (A)
- bar and harbor at Brazos Santiago, Tex. Rept. Chief of Eng., 1895, p. 1831. (A)
- Trinity River, Tex. Rept. Chief of Eng., 1896, p. 1552. (A)
- east end of Galveston Island, Tex. Rept. Chief of Eng., 1896, p. 1555. (A)
- channel between Brazos River and Galveston Bay, Tex. Rept. Chief of Eng., 1897, p. 1809. (A)
- Galveston Island, Tex. Rept. Chief of Eng., 1897, p. 1814. (A)
- , translator. Irrigation in Egypt (by J. Barois, engineer in chief des ponts et chaussées, etc.). Paris, 1887. Q. Washington, 1889.
- See Boards—Miller; Mackenzie, 1; Merrill, 2; Robert, 14, 19; Suter, 2. (A)
- Miller, Andrew Galbraith** (U. S. M. A., 1848). Died Oct. 21, 1865, aged —. Engraving (by the Milwaukee Lithographing and Engraving Company) owned by Assoc. Grads. U. S. M. A.
- Miller, Charles P.** See Runkle decision, Court of Claims. In War Depart. Library.
- Miller, Crosby Parke** (U. S. M. A., 1867). Photograph in Albums of officers' mess.
- Quartermaster U. S. M. A. July 1, 1875, to July 1, 1880.
- Miller, George L.** (of Nebraska). Member of Board of Visitors to U. S. M. A. in 1885.

- Miller, Rutger B.** (of New York). Member of Board of Visitors to U. S. M. A. in 1837.
- Miller, Wentz Curtis** (U. S. M. A., 1899). Died July 31, 1892, aged 44. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1893. (A)
- Miller, William** (of Alabama). Member of Board of Visitors to U. S. M. A. in 1871.
- Miller, William Haven** (U. S. M. A., 1872). Photograph *in* Albums of officers' mess.
- *Quartermaster U. S. M. A.*, 1890-1894.
- Milliken, James P.** (of Indiana). Member of Board of Visitors to U. S. M. A. in 1850.
- Milliken, Seth L.** (of Maine). Member of Board of Visitors to U. S. M. A. in 1895.
- Millis, John** (U. S. M. A., 1881). Notes on electricity in military and industrial engineering. 2d ed., rev. and enl., with a chapter on electric lighting. Willets Point, 1888.
- Project, plan, estimate, etc., for the improvement of Mississippi River (commercial statistics). Rept. Chief of Eng., 1893, p. 3012. (A)
- — — harbor at Baton Rouge, La. Rept. Chief of Eng., 1895, p. 1793. (A)
- — — harbor at Bayou Sara, La. Rept. Chief of Eng., 1895, p. 1795. (A)
- — — waterway connecting Puget Sound with Lake Union and Washington, Wash. Rept. Chief of Eng., 1902, p. 2420. (A)
- Electricity in land warfare. *Scribner's Mag.*, vol. 6, p. 424.
- Mills, Albert Leopold** (U. S. M. A., 1879). Portrait (oil painting by J. C. Beckwith) presented by Military Academy, 1902. In the cadet mess hall. Twenty-fifth Superintendent U. S. M. A., Aug. 22, 1898, to —.
- Military geography of Mexico. *See* military geography lectures in department of military art . . . Infantry and Cavalry school, Fort Leavenworth, Kans., 1893-1895. (A)
- Mills, Anson** (of Texas). Member of Board of Visitors to U. S. M. A. in 1866.
- Mills, Caleb** (of Indiana). Member of Board of Visitors to U. S. M. A. in 1852.
- Mills, Charles C.** (of Alabama). Member of Board of Visitors to U. S. M. A. in 1839.
- Mills, Roger Q.** (of Texas). Member of Board of Visitors to U. S. M. A. in 1885.
- Mills, Samuel Myers** (U. S. M. A., 1865). Photograph *in* Albums of officers' mess.
- Treasurer U. S. M. A., June 28, 1875, to Sept. 1, 1879.
- Commandant of cadets and instructor of tactics U. S. M. A., 1892-1897.
- Supplemental manual for seacoast guns. 1 pam., O. 1890. *See* Art. School U. S. (A)
- Description and service of the machine guns. 1891. 1 pam., O. [Art. School U. S.] (A)
- Historical sketch of the department of tactics U. S. M. A. *In* Rept. Supt. U. S. M. A., 1896, pp. 122-131. (A)
- Comment on Chester's Instruction of gunners. *Jour. U. S. Art.*, vol. 1, p. 191.
- A trip to India, China, and Japan. *Jour. Mil. Serv. Inst. U. S.*, vol. 11, pp. 57, 228, 730. (A)
- Mills, Samuel Myers.** Comment on Military gymnastics. *Jour. Mil. Serv. Inst. U. S.*, vol. 12, p. 665. (A)
- Comment on Best's Wanted—a fitting artillery organization. *Jour. Mil. Serv. Inst. U. S.*, vol. 18, p. 215. (A)
- Milroy, Samuel** (of Indiana). Member of Board of Visitors to U. S. M. A. in 1835.
- Mitcham, Orin Burlingame** (U. S. M. A., 1874). Photograph *in* Albums of officers' mess.
- New methods of solving problems of fire (by Capt. F. Siacci), p. 218; Range tables, 8-inch converted and 12-inch B. L. rifles, p. 230. Rept. Chief of Ord., 1881. (C)
- Report of Cheyenne ordnance depot, commanding officer, p. 489; Cartridges, brass shells recommended for reloading, p. 490; Sights and bayonets for Springfield rifle, model 1884, not satisfactory, p. 490. Rept. Chief of Ord., 1886. (C)
- Report of operations at the Rock Island Arsenal. Rept. Chief of Ord., 1898.
- translator. Friction-primers for cannon. Ord. Note 177, vol. 6. (A)
- translator. Theoretical and practical ballistics [from Italian]. Ord. Note 391, vol. 10. (A)
- Submits the solution of the problem of the trajectory of a projectile in vacuo; by Prof. A. G. Greenhill, of the Royal Artillery Institution, England, and that of Lieut. John. E. Greer, Ordnance Department U. S. Army, for publication. [*See also* Ord. Note 165.] Ord. Note 329, vol. 11. (A)
- translator. Field artillery fire; comparative study of the methods employed in the French and other European services. Ord. Note 352, vol. 12. (A)
- Mitchel, Ormsby McKnight** (U. S. M. A., 1829). Died Oct. 30, 1862, aged 52. *Obituary notice* (by H. Coppée). *In* Proc. Amer. Phil. Soc., vol. 9, p. 147. (A)
- Portrait. *Harper's New Monthly Mag.*, vol. 31 (1865), p. 164; vol. 48 (1874), p. 526. (A)
- Member of Board of Visitors to U. S. M. A. in 1841.
- Editor and publisher *Sidereal Messenger*, 1846-1848.
- Recording apparatus, p. 20; Report on mechanical record of astronomical observations, pp. 72, 78. U. S. Coast Survey Rept., 1849. (A)
- Telegraphic longitudes; Seaton's, Marriott's, and Cincinnati. U. S. Coast Survey Rept., 1850, pp. 25, 26. (A)
- Report on electro-magnetic recording of N. P. distances. U. S. Coast Survey Rept., 1851, pp. 137-145. (A)
- Astronomy of the Bible, . . . with a biographical sketch. New York, 1867. 1 vol., O. (A)
- Popular astronomy; a concise elementary treatise on the sun, planets, satellites and comets . . . 7th ed. New York, 1867. 1 vol., O. (A)
- Mitchel (F. A.): Ormsby McKnight Mitchel, astronomer and general. A biographical narrative. Boston, 1887. 1 vol., por. (A)

- Mitchell, Ormsby McKnight. The orbs of heaven.
- Mitchel, Ormsby McKnight, jr. (U. S. M. A., 1865). Died May 27, 1875, aged 32.
- Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A. (A)
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1875. (A)
- Mitchell, Dr. Samuel (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1815.
- Mitchell, Samuel L. Member of Board of Visitors to U. S. M. A. in 1820.
- Mitchell, Warren E. (U. S. M. A., 1894). Died Nov. 20, 1895, aged 24. Obituary in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Mizner, John Kemp (U. S. M. A., 1850). Died Sept. 5, 1808, aged 65. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1890. (A)
- Cavalry recruitment. Jour. Cav. Assoc., 1888, p. 174. (A)
- Some changes in equipment. Jour. Cav. Assoc., 1889, p. 34. (A)
- Moberly, Will Jenkins (U. S. M. A., 1860). Died June 8, 1860, aged 51. Obituary in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Mock, William (U. S. M. A., 1836). Died Apr. 2, 1898, aged 87. Obituary in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Molinard, Albert Julian Stiffan (U. S. M. A., 1851). Died Sept. 14, 1872, aged 44. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Monroe, James (U. S. M. A., 1815). Died Sept. 7, 1870, aged 71. Obituary in Ann. Assoc. Grads. U. S. M. A., 1871. (A)
- In memory of Col. James Monroe [with photograph]. n. p., 1870. 1 vol., O. (A)
- Montgomery, Alexander (U. S. M. A., 1834). Died Oct. 13, 1803, aged 82. Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Montgomery, George (U. S. M. A., 1890). Comment on Horn's Telescopic sights. Jour. Mil. Serv. Inst. U. S., vol. 23, p. 363. (A)
- Report on manufacture of gun carriages, telescopic sights, etc. Rept. Chief of Ord., 1900.
- Moon, Henry Buckman (U. S. M. A., 1880). Army regulations. Jour. Mil. Serv. Inst. U. S., vol. 14, p. 739. (A)
- Moore, Charles Erastus (U. S. M. A., 1865). Died Dec. 5, 1885, aged 44. Obituary in Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- Moore, Clifton H. (of Illinois). Member of Board of Visitors to U. S. M. A. in 1882.
- Moore, Harry De Witt (U. S. M. A., 1872). Died May 9, 1878, aged 29. Obituary in Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Moore, James Seaborn (U. S. M. A., 1829). Died July 25, 1869, aged 63. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Moore, Samuel D. J. (U. S. M. A., 1837). Remedy for existing evils, social and political, and necessarily, a prevention of all conflicts between capital and labor. 1878.
- Moore, Tredwell (U. S. M. A., 1847). Died May 29, 1876, aged 51. Obituary in Ann. Assoc. Grads. U. S. M. A., 1876. (A)
- Moormau, J. J. (of Virginia). Member of Board of Visitors to U. S. M. A. in 1832.
- Mordecai, Alfred (U. S. M. A., 1823). Died Oct. 22, 1887, aged 85. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1888. (A)
- Instructor of ordnance and gunnery, U. S. M. A., 1865-1869, and 1874-1881.
- Member of Board of Visitors (Inspection) to U. S. M. A. in 1843.
- A digest of the laws relating to the military establishment of the United States . . . Washington, 1833. 1 vol., O. (A)
- Ordnance manual, for the use of the officers of the U. S. Army. 1841.
- Report of experiments on gunpowder, made at Washington Arsenal in 1843 and 1844. 1 vol., O. 1845. (A)
- Second report of experiments on gunpowder, made at Washington Arsenal, in 1845, 1847, and 1848 . . . Washington, 1849. 1 pam., O. (A)
- Artillery for the U. S. land service as devised and arranged by the Ordnance Board. Washington, 1849. 1 vol., O., pls., atlas F. obl. (A)
- Military commission to Europe, in 1855 and 1856, report . . . Washington, 1860. 1 vol. O. (A)
- Mordecai, Alfred, jr. (U. S. M. A., 1861). Interrupter, Russell's electric description for Schultz chronoscope. Rept. Chief of Ord., 1878, p. 45. (C)
- Carriage for 3.2-inch B. L. steel rifle, nomenclature and material of parts. Rept. Chief of Ord., 1884, p. 547. (C)
- Construction of Captain Baldwin's gun-carriage saddle for Hotchkiss mountain gun; p. 645; Caisson, construction of a metal, for field service, p. 659; Machines, artillery, fabricated at Watervliet Arsenal, p. 669; Changes made in Pinch bar, p. 669; Model 1883 (Eccles feed), metal carriage for Gatling gun, p. 671. Rept. Chief of Ord., 1885. (C)
- Objections to present method of making, purchases. Rept. Chief of Ord., 1890, p. 111. (C)
- Manufacture of small-caliber barrels of, steel. Rept. Chief of Ord., 1892, p. 329. (C)
- Steel for gun barrels, specimen tested to obtain suitable, p. 202; Action on Houch magazine rifle, p. 206; Action on Philips magazine rifle, p. 206; Action on Greeves magazine rifle, p. 207; Action on Mullin's magazine rifle, p. 207; Austrian Arms Manufacturing Company, action on, p. 208; Lardo-Barri magazine rifle, action on, p. 208; Action on Teall magazine rifle, p. 209; Burton magazine rifle, action on, p. 209; Action on J. H. Blake's, p. 209; Friend's magazine rifle, action on, p. 209; Action on Harris magazine rifle, p. 210; Machine illustrating manufacture of small arms at Columbian Exposition, p. 210; Specifications for officers' quarters at Springfield Armory, p. 219; Fuse punches, material required for fabrication of 1,000, p. 548. Rept. Chief of Ord., 1893. (C)

- Mordecai, Alfred.** Report of operations at Springfield Armory. Repts. Chief of Ord., 1895, 1896, 1897.
- Report of firings with magazine rifle and carbine, caliber .30. Rept. Chief of Ord., 1897.
- Report of operations at the Watervliet Arsenal. Rept. Chief of Ord., 1898.
- Member of board on uniform caliber for small arms, etc., for Army, Navy, and Marine Corps. Rept. Chief of Ord., 1899.
- Ordnance and gunnery, U. S. M. A., No. 5, 1 pam., O. [n. d., 18—.] (A)
- Report on electrical interrupter. Ord. Note 46, vol. 2, p. 303. (A)
- Morell, George Webb** (U. S. M. A., 1835). Died Feb. 12, 1883, aged 68. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Morfit, Campbell** (of Maryland). Member of Board of Visitors to U. S. M. A. in 1857.
- Morgan, Charles Hale** (U. S. M. A., 1857). Died Dec. 20, 1875, aged 41. Obituary in Ann. Assoc. Grads. U. S. M. A., 1876. (A)
- Morgan, George Horace** (U. S. M. A. 1880). Revolvers and their caliber. Jour. Cav. Assoc., 1889, p. 208. (A)
- Comment on A walking horse. Jour. Cav. Assoc., 1890, p. 111. (A)
- Morgan, Henry Sims** (U. S. M. A., 1897). Died Aug. 31, 1898, aged 24. Obituary in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Morgan, John T.** (of Alabama). Member of Board of Visitors to U. S. M. A. in 1878.
- Morgan, Michael Ryan** (U. S. M. A., 1854). Reports as Commissary-General U. S. Army, 1894–1897.
- Morgan, Thomas J.** (of Nebraska). Member of Board of Visitors to U. S. M. A., in 1874.
- Morrill, Justin S.** (of Vermont). Member of Board of Visitors to U. S. M. A. in 1881.
- Morris, B. F.** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1838.
- Morris, Thomas Armstrong** (U. S. M. A., 1834). Engraving (by George E. Perine) owned by Assoc. Grads. U. S. M. A.
- Morris, William Hopkins** (U. S. M. A., 1851). Died Aug. 26, 1900, aged 73. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Assistant editor New York Home Journal. 1854–1861.
- Field tactics for infantry. New York, 1864. 1 vol., O., p. 146. (A)
- Morrison, Charles Clifford** (U. S. M. A., 1871). Died May 13, 1894, aged 45. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Cartridge supporting anvil for aiming drill. Rept. Chief of Ord., 1881, p. 313. (C)
- Manufacture of Howitzer, a 7-inch B. L. steel, designed by Ordnance Board. Rept. Chief of Ord., 1887, p. 181. (C)
- Manufacture of steel forgings at Midvale Steel Works. Rept. Chief of Ord., 1890, p. 343. (C)
- translator. Position and form of bands for projectiles. Notes Constr. Ord. No. 27, vol. 2, p. 1. (A)
- Morrison, Charles Clifford and Ayres, James Cooper** (U. S. M. A., 1871). Modern guns and mortars adopted in the U. S. land service . . . Washington, 1895. 1 vol., O. [Art. Circ. I, ser. 1893.] (A)
- Morrison, James Campbell** (U. S. M. A., 1868). Died May 4, 1871, aged 25. Obituary in Ann. Assoc. Grads. U. S. M. A., 1871. (A)
- Morrison, John** (U. S. M. A., 1896). Died Jan. 18, 1901, aged 30. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Morrison, John Frank** (U. S. M. A., 1881). Comment on Reform in paper work in Q. M. D. Jour. Mil. Serv. Inst. U. S., vol. 16, p. 572. (A)
- Morrison, John Jarvin** (of Indiana). Member of Board of Visitors to U. S. M. A. in 1854.
- Morton, Alexander Logan** (U. S. M. A., 1868). Photograph in Albums of officers' mess.
- Morton, Charles** (U. S. M. A., 1869). History of the Third Regiment of Cavalry [an abridgment of Captain Morton's Historical sketch of the Third Cavalry]. Hist. U. S. Army, pp. 193–210. (A)
- Morton, James St. Clair** (U. S. M. A., 1851). Died June 17, 1864, aged 35. Paper submitted to the Board of Visitors U. S. M. A., 1857. In Cong. Doc. 920, pp. 204–218. [A severe criticism of the course of civil and military engineering at the Academy and suggestions for its improvement.] (A)
- Memoir on the dangers and defenses of New York City. Washington, 1858.
- . . . A new plan for the fortification . . . of the seacoast of the United States. Washington, 1858. 1 vol., O., pp. 105. (A)
- Memoir on American fortifications. In Ann. Rept. Sec. War, 1859, p. 452. (C)
- Life and services of Maj. John Sanders, of the Engineers. Pittsburgh, 1861.
- Morton, O. P.** (of Indiana). Member of Board of Visitors to U. S. M. A. in 1871.
- Mosher, L. F.** (of Oregon). Member of Board of Visitors to U. S. M. A. in 1884.
- Moss, James Alfred** (U. S. M. A., 1894). Memories of the campaign of Santiago, 1898. San Francisco, 1898. 1 pam., bound, Q. (A)
- A sketching board. Jour. Mil. Serv. Inst. U. S., vol. 20, p. 564. (A)
- translator. Organization and use of the cyclist service in France. Jour. Mil. Serv. Inst. U. S., vol. 23, p. 485. (A)
- Mott, Seward** (U. S. M. A., 1886). Died Mar. 12, 1887, aged 25. Obituary in Ann. Assoc. Grads. U. S. M. A., 1887. (A)
- Mott, Thomas Bentley** (U. S. M. A., 1886). Photograph in Albums of officers' mess.
- German foot artillery with horsed guns. [Translation.] Jour. U. S. Art., vol. 4, p. 501.
- Service of the 12-inch B. L. mortar and 8-inch B. L. rifle on barbette carriage. Jour. U. S. Art., vol. 6, p. 84.
- Mott, Wallace** (U. S. M. A., 1871). Photograph in Albums of officers' mess.
- Mowry, Sylvester** (U. S. M. A., 1852). Died Oct. 17, 1871, aged 40. Obituary in Ann. Assoc. Grads. U. S. M. A., 1872. (A)
- Arizona and Sonora . . . 3d ed. . . . 1 vol., O. 1864. (A)

- Mowry**, Sylvester. Geography, history, and resources of the silver regions of North America.
- Muir**, Charles Henry (U. S. M. A., 1885). Historical sketch of permanent fortifications. A lecture . . . 1 pam., O., 1897. [U. S. Inf. and Cav. School.] (A)
- Naturalization . . . U. S. Inf. and Cav. School lectures, No. 15. Fort Leavenworth, Kans., 1898. 1 vol., O., 15 pp. (A)
- Small arms firing. Jour. Mil. Serv. Inst. U. S., vol. 14, p. 980. (A)
- Notes on the preparation of an infantry soldier. Jour. Mil. Serv. Inst. U. S., vol. 10, p. 219. (A)
- Mullan**, John (U. S. M. A., 1852). Topographical memoir of Colonel Wright's campaign against the Indians of Washington Territory. Washington, 1850.
- Report on the construction of a military road from Fort Walla Walla to Fort Benton. Washington, 1863. O. Explorations and Surveys. (A)
- Miners and travellers' guide to Oregon, Washington, Idaho, Montana, Wyoming, and Colorado, via the Missouri and Columbia rivers . . . New York 1895. 1 vol., O. (A)
- Mullay**, John C. (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1837.
- Mumford**, Ferdinand Suydam (U. S. M. A., 1838). Died Oct. 1, 1872, aged 54. Obituary in Ann. Assoc. Grads. U. S. M. A., 1873. (A)
- Munsell**, Oliver S. (of Illinois). Member of Board of Visitors to U. S. M. A. in 1863.
- Munton**, Charles Harold (U. S. M. A., 1898). Died Feb. 11, 1900, aged 23. Obituary in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Murat**, Achille (of Florida). Member of Board of Visitors to U. S. M. A. in 1834.
- Murfee**, Col. James T. (of Alabama). Member of Board of Visitors to U. S. M. A. in 1891.
- Murphy**, William Louis (U. S. M. A., 1898). Died Aug. 13, 1900, aged 25. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Murray**, Arthur (U. S. M. A., 1874). Course of instruction for artillery gunners. Mathematics . . . Prepared for publication under direction of . . . John M. Schofield . . . by . . . Tasker H. Bliss . . . Washington, 1893. 1 pam., O. [Q.] Art. Circ. H., June 1, 1893. (A)
- Review of Instructions for courts-martial. Jour. Mil. Serv. Inst. U. S., vol. 10, p. 553. (A)
- Comment on Neutrality laws of the United States. Jour. Mil. Serv. Inst. U. S., vol. 15, p. 334. (A)
- Murray**, Daniel (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1838.
- Murray**, Edward (U. S. M. A., 1841). Died July 3, 1874, aged 54. Triangulation, p. 20; Astronomical observations, sec. 4, p. 26. U. S. Coast Survey Rept., 1846. (A)
- Muahat**, John (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1836.
- Myers**, Abraham C. (U. S. M. A., 1833). Died June 20, 1889, aged 78. Obituary in Ann. Assoc. Grads. U. S. M. A., 1890. (A)
- Myers**, Frederick (U. S. M. A., 1846). Died July 7, 1874, aged 52. Obituary in Ann. Assoc. Grads. U. S. M. A., 1875. (A)
- Myers**, John Edward (U. S. M. A., 1873). Died May 28, 1894, aged 45. Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Myers**, William (U. S. M. A., 1852). Died Nov. 11, 1887, aged 57. Obituary in Ann. Assoc. Grads. U. S. M. A., 1888. (A)
- See U. S. Coast Survey Rept., 1888, p. 41. (A)
- Naglee**, Henry Morris (U. S. M. A., 1835). Died Mar. 5, 1886, aged 72. Obituary in Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- Correspondence, orders, etc., between Gen. D. Hunter, Gen. J. G. Foster, and Gen. H. M. Naglee, February-March, 1863. Philadelphia, 1863. In War Dept. Library.
- Part taken by his brigade in Seven Pines battle, 1862. In War Dept. Library.
- Part taken by his brigade in Seven Days Battle, 1863. In War Dept. Library.
- Nast**, Rev. William, D. D. [Assistant librarian U. S. M. A., 1830-1832.]
- Negus**, Charles (of Iowa). Member of Board of Visitors to U. S. M. A. in 1858.
- Neill**, Thomas Hewson (U. S. M. A., 1847). Died Mar. 12, 1885, aged 59. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1885; Harper's New Monthly Mag., vol. 70 (1885), p. 979. (A)
- Commandant of cadets, U. S. M. A., 1875-1879.
- Nelson**, Anderson D. (U. S. M. A., 1841). Died Dec. 30, 1885, aged 68. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- Nelson**, John. Member of Board of Visitors to U. S. M. A. in 1831.
- Nesmith**, J. W. (of Oregon). Member of Board of Visitors to U. S. M. A. in 1866.
- Newcomb**, Francis Day (U. S. M. A., 1824). Died Nov. 28, 1872, aged 71. Obituary in Ann. Assoc. Grads. U. S. M. A., 1873. (A)
- Special correspondent, at Havana, Cuba, of the New York Journal of Commerce, 1847-1872.
- Newcomb**, Warren Putnam (U. S. M. A., 1882). Notice of Cronkrite's Gunnery for noncommissioned officers. Jour. U. S. Art., vol. 2, p. 308.
- Newcomer**, Henry Clay (U. S. M. A., 1886). Project, plan, estimate, etc., for the improvement of Mississippi River, third district. Rept. Chief of Eng., 1897, p. 3725; 1899, p. 3537. (A)
- Mississippi River. Rept. Chief of Eng., 1898, p. 3370. (A)
- Newman**, John (of Vermont). Member of Board of Visitors to U. S. M. A. in 1866.
- Newman**, Rev. John P. (Chaplain of U. S. Senate). Member of Board of Visitors to U. S. M. A. in 1870.
- Newton**, John (U. S. M. A., 1842). Died May 2, 1895, aged 72. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.

- Newton, John. *Obituary and portrait in Ann. Assoc. Grads. U. S. M. A.*, 1895. (A)
- *Obituary in Biog. Mem. Nat. Acad. Sci.*, vol. 4, p. 233.
- In memoriam. In *Twenty-fifth reunion of the Army of the Cumberland, Chattanooga, Tenn.*, September, 1895, p. 156. Cincinnati, 1896. (A)
- Project, plan, estimate, etc., for the improvement of Hudson River between Troy and New Baltimore, N. Y. Rept. Chief of Eng., 1866, vol. 3, p. 21; 1866, vol. 4, pp. 213, 218, 219; 1867, pp. 442, 444-447; 1868, pp. 711, 718, 719; 1870, p. 366. (C)
- Hudson River. Rept. Chief of Eng., 1866, vol. 4, pp. 218, 219; 1875, vol. 2, pp. 215, 219; 1876, vol. 1, p. 244; 1877, p. 245. (C)
- East River, N. Y. Rept. Chief of Eng., 1868, pp. 65, 66, 730, 738, 741, 742, 745; 1870, pp. 437, 438; 1872, p. 803; 1874, vol. 2, p. 164; 1875, vol. 2, p. 202; 1876, vol. 1, p. 243. (C)
- Rondout Harbor, Hudson River, N. Y. Rept. Chief of Eng., 1869, pp. 56, 393; 1872, pp. 811, 812; 1879, p. 374; 1880, p. 495; 1886, p. 671. (C)
- Mattsburg Harbor, N. Y. Rept. Chief of Eng., 1870, pp. 222, 224; 1872, p. 271; 1879, p. 395; 1877, p. 253. (C)
- Burlington Harbor, Vt. Rept. Chief of Eng., 1871, pp. 53, 255; 1874, vol. 1, p. 275; 1875, vol. 1, p. 353; 1876, vol. 1, p. 258. (C)
- Otter Creek, Vt. Rept. Chief of Eng., 1872, pp. 49, 273, 277; 1874, vol. 1, p. 276; 1875, vol. 1, p. 355; 1876, vol. 1, p. 260; 1877, p. 254; 1879, p. 399; 1881, p. 725. (C)
- Passaic River, N. J., above Newark. Rept. Chief of Eng., 1872, pp. 805, 807; 1880, p. 536; 1886, p. 793. (C)
- Port Chester Harbor, N. Y. Rept. Chief of Eng., 1872, p. 800; 1874, vol. 2, p. 167; 1875, vol. 2, p. 222; 1877, p. 250; 1886, p. 652. (C)
- East Chester Creek, N. Y. Rept. Chief of Eng., 1872, p. 812, 815; 1873, p. 939; 1877, p. 249; 1886, p. 663. (C)
- Swanton Harbor, Vt. Rept. Chief of Eng., 1873, pp. 397, 398; 1874, vol. 1, p. 275; 1879, p. 397; 1882, pp. 65, 710. (C)
- Rouses Point Harbor, N. Y. Rept. Chief of Eng., 1873, p. 403. (C)
- Keyport Harbor, N. J. Rept. Chief of Eng., 1873, p. 942; 1884, p. 759; 1887, p. 776; 1891, p. 1002. (C)
- Staten Island and New Jersey. Rept. Chief of Eng., 1873, pp. 944, 945; 1876, vol. 1, p. 251; 1879, p. 64. (C)
- Harlem River, N. Y. Rept. Chief of Eng., 1874, vol. 2, pp. 165, 173; 1875, vol. 2, pp. 220, 236, 237; 1876, vol. 1, pp. 245, 246; 1877, p. 248; 1884, p. 705; 1885, p. 676; 1886, p. 674; 1887, p. 668. (C)
- Raritan River at and below New Brunswick, N. J. Rept. Chief of Eng., 1874, vol. 2, p. 179; 1878, p. 419; 1879, pp. 393, 394. (C)
- Echo Harbor, (New Rochelle), N. Y. Rept. Chief of Eng., 1876, vol. 1, pp. 264, 265; 1878, p. 420; 1879, pp. 389, 390; 1881, p. 645; 1886, pp. 654, 656; 1887, pp. 624, 626; 1892, p. 706. (C)
- Newton, John. Project, plan, estimate, etc., for the improvement of Long Island coast. Rept. Chief of Eng., 1878, pp. 425-427; 1879, p. 400. (C)
- New Town Creek, N. Y. Rept. Chief of Eng., 1878, pp. 428, 429; 1880, p. 511; 1881, p. 636; 1882, p. 662; 1886, p. 96. (C)
- Flushing Bay, N. Y. Rept. Chief of Eng., 1878, p. 430; 1879, pp. 62, 385, 387; 1886, p. 661; 1887, p. 634; 1892, p. 722. (C)
- Passaic River, N. J. Rept. Chief of Eng., 1879, p. 302. (C)
- Canarsie Bay, N. Y. Rept. Chief of Eng., 1879, p. 400; 1880, p. 84; 1882, p. 670. (C)
- Sheepshead Bay, N. Y. Rept. Chief of Eng., 1879, p. 400; 1886, pp. 743, 745. (C)
- Buttermilk Channel, New York Harbor. Rept. Chief of Eng., 1880, p. 506; 1881, p. 629; 1886, p. 721. (C)
- South River, N. J. Rept. Chief of Eng., 1880, pp. 522, 523; 1887, p. 773. (C)
- Cheesapeake Creek, N. J. Rept. Chief of Eng., 1880, pp. 525, 527; 1882, p. 860; 1885, p. 743; 1887, p. 743. (C)
- Bergen Neck, N. J., ship canal across. Rept. Chief of Eng., 1880, pp. 539, 532. (C)
- Passaic River, N. J., below Newark. Rept. Chief of Eng., 1880, p. 537; 1884, p. 741. (C)
- Gowanus Bay, N. Y. Rept. Chief of Eng., 1881, p. 636. (C)
- Sumpawamus Inlet, N. Y. Rept. Chief of Eng., 1881, p. 655; 1892, p. 864. (C)
- Bronx River, N. Y. Rept. Chief of Eng., 1881, pp. 666, 667. (C)
- Hempstead Harbor and Bay, N. Y. Rept. Chief of Eng., 1881, p. 668. (C)
- Cornell's Landing and Jamaica Bay, N. Y. Rept. Chief of Eng., 1881, p. 673. (C)
- Patchogue River, N. Y. Rept. Chief of Eng., 1881, pp. 674, 675. (C)
- Raritan River, N. J. Rept. Chief of Eng., 1882, p. 675; 1886, p. 770. (C)
- Miniscenongo Creek, N. Y. Rept. Chief of Eng., 1884, p. 715. (C)
- Saugerties Harbor, N. Y. Rept. Chief of Eng., 1884, p. 716; 1885, p. 699; 1886, p. 669; 1887, p. 662. (C)
- Peekskill Harbor, on Hudson River, N. Y. Rept. Chief of Eng., 1884, p. 719. (C)
- Report upon the results of firings to determine the pressure of the blast from 15-inch smooth-bore guns made at Staten Island, New York Harbor, in 1872 and 1873. O. Washington, 1874. *See* Gillmore (Q. A.): Misc. Papers, No. 1.
- Modern explosives. *In* North Amer. Rev., vol. 137, November, 1883.
- Reports of the Chief of Engineers, 1884-1886.
- Further recollections of Gettysburg. *In* North Amer. Rev., vol. 152, March, 1891.
- *See* Board—Newton; Bache, 3; Barnard, 4; Cram, 1, 2; Macomb, 2, 32, 34; Simpson, 3; Tower, 2, 3, 5, 6, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18,

- 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31; Woodruff, 5, 6, 9; Wright, 1, 2. (A)
- Nichols, Francis Reddin Tillou** (U. S. M. A., 1855). Photograph owned by Assoc. Grads. U. S. M. A. (A)
- Nichols, Francis T.** Member of Board of Visitors to U. S. M. A. in 1886.
- Nichols, Thomas Brainard** (U. S. M. A., 1872). *Lecciones para la Artellia y los Estados Mayores*. A work in Spanish, still in use in the Colombian army. 3 vols.
- Nichols, William Augustus** (U. S. M. A., 1838). Died Apr. 8, 1869, aged 51. Comment on Smith's Post instruction. *Jour. Cav. Assoc.* 1890, p. 111. (A)
- Nicklin, P. H.** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1828.
- Nicodemus, William Joseph Leonard** (U. S. M. A., 1858). Died Jan. 6, 1879, aged 44. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1879.
- Reports as Acting Chief Signal Officer, 1863-64.
- History of the science of hydraulics. A paper . . . Madison, Wis., 1874. 1 pam., O. (A)
- Railway gauges . . . 1 pam., O. 1874. (A)
- The Wisconsin River improvement . . . 1 pam., O. 1874. (A)
- Nicola, Lewis** (commandant of the Corps of Invalids and ex-officio Chief of the Military Academy at the Army, 1777 et seq.). Easy method of preserving subjects in spirits. *Trans. Amer. Phil. Soc.*, vol. 1, p. 314. (A)
- *L'Ingenieur de campagne, or Field Engineer*, written in French by the Chevalier de Clairac and translated by Maj. Lewis Nicola. Copper plates. Phila., 1776, 1 v., O., pp. 256-4. (A)
- A treatise of military exercise calculated for the use of Americans. Phila., 1776?, 1 v.
- Register of the officers in the Army 1779-80. 1 vol., F. MS., pp. 142. [All its essential facts are embodied in the registers of Heitman, Hamersly and Powell] (A)
- Writes to Washington suggesting that he be King (1782). *Irving's Washington*, vol. 4, p. 401. (A)
- Washington's letter to Nicola of May 22, 1782, p. 21; Nicola's letter to Washington on the instability of republics summarized, p. 23. *Writings of George Washington*, vol. 10. (A)
- Noah, Samuel** (U. S. M. A., 1807). Died Mar. 10, 1871, aged 92. Obituary in *Ann. Assoc. Grads. U. S. M. A.* 1871. (A)
- Noble, Henry Beach** (U. S. M. A., 1861). Died Apr. 4, 1898, aged 61. Photograph in Albums of officers' mess.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1898. (A)
- Nolau, James Eugene** (U. S. M. A., 1886). Died Dec. 5, 1898, aged 38. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1899. (A)
- Norris, Charles E.** (U. S. M. A., 1851). Died Oct. 31, 1875, aged 48. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1876. (A)
- Northrop, Birdsey G.** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1863.
- Northrop, Lucius Ballinger** (U. S. M. A., 1831). Died Feb. 9, 1894, aged 83. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1894. (A)
- Norton, William Augustus** (U. S. M. A., 1831). Died Sept. 21, 1883, aged 73. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1884; *Biog. Mem. Nat. Acad. Sci.*, vol. 2, p. 189. (A)
- Elementary treatise on astronomy. 1839.
- First book on natural philosophy. 1858.
- Several memoirs on terrestrial magnetism, comets, and other scientific subjects.
- Norvell, John**. Member of Board of Visitors to U. S. M. A. in 1833.
- Noyes, Charles Rutherford** (U. S. M. A., 1879). Photograph in Albums of officers' mess.
- The infantry drill regulations, etc. *Jour. Mil. Serv. Inst. U. S.*, vol. 16, p. 309. (A)
- Nye, James W.** (of Nevada). Member of Board of Visitors to U. S. M. A. in 1865.
- O'Brien, Alonzo Lee** (U. S. M. A., 1879). Died Dec. 12, 1886, aged 31. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1887. (A)
- O'Brien, Rev. Frank A.** (of Michigan). Member of Board of Visitors to U. S. M. A. in 1891.
- O'Brien, John Paul Jones** (U. S. M. A., 1836). Died Mar. 31, 1850, aged 38. Treatise on American military laws and the practice of courts-martial. Philadelphia, 1846. 1 vol., O., pp. 570. (A)
- O'Brien, Michael James** (U. S. M. A., 1885). Died Sept. 16, 1898, aged 35. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1899. (A)
- Military policy and institutions compiled from Jomini's Art of war, and Von der Goltz's The nation in arms . . . Fort Leavenworth, 1894. 1 pam., O. (A)
- O'Connell, John James** (U. S. M. A., 1892). *Kriegsspiel of Vinturinus*. *Jour. Mil. Serv. Inst. U. S.*, vol. 4, p. 418. (A)
- , translator. Von der Goltz's Science in military life. *Jour. Mil. Serv. Inst. U. S.*, vol. 5, p. 46. (A)
- Battle of Waterloo. *Jour. Mil. Serv. Inst. U. S.*, vol. 8, p. 167. (A)
- Civil war in Chile. *Jour. Mil. Serv. Inst. U. S.*, vol. 13, p. 738. (A)
- Armies of Europe. *Jour. Mil. Serv. Inst. U. S.*, vol. 14, p. 1225; vol. 15, pp. 52-281. (A)
- O'Connor, Charles Wallon** (U. S. M. A., 1873). History of the Eighth Regiment of Cavalry. *Hist. U. S. Army*, pp. 268-279. (A)
- Ogden, Rev. A. N.** (of Louisiana). Member of Board of Visitors to U. S. M. A. in 1876.
- Ogden, Charles Cornell** (U. S. M. A., 1891). Died July 20, 1893, aged 25. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1894. (A)
- Ogle, Alexander** (U. S. M. A., 1872). Died Aug. 8, 1891, aged 42. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1892. (A)
- Ogle, Capt. Alfred M.** (of Indiana). Member of Board of Visitors to U. S. M. A. in 1892.
- Oliver, Henry K.** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1847.
- Onderdonk, Benjamin T.** (of New York). Member of Board of Visitors to U. S. M. A. in 1840.
- O'Neal, Edward A.** (of Alabama). Member of Board of Vis. . . to U. S. M. A. in 1888.

- Ord, Edward Otho Cresap (U. S. M. A., 1839). Died July 22, 1883, aged 65. Portrait (oil painting). Presented by Judge Ord to Alumni Association. In memorial hall.
- Engraving (by J. C. Buttre) owned by Assoc. Grads. U. S. M. A.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1884; Harper's New Monthly Mag., vol. 67 (1883), p. 804. (A)
- Sherman (W. T.): Letters to Generals Ord and Augur. Important historical letters, *in* North Amer. Rev., vol. 143, July, 1889. (A)
- Some more war letters, addressed to Gen. W. T. Sherman. *In* North Amer. Rev., vol. 144, April, 1887. (A)
- Osborne, William Headley (U. S. M. A., 1891). Died Aug. 23, 1898, aged 28. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Osgood, Charles Henry (U. S. M. A., 1883). Died May 1, 1886, aged 29. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- Ostheim, Louis (U. S. M. A., 1883). Died Apr. 8, 1900, aged 40. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Otis, Elmer (U. S. M. A., 1853). Died Aug. 18, 1897, aged 67. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1898. (A)
- O'Toole, William David (U. S. M. A., 1805). Died — 27, 1897, aged —. Oration, pronounced before the U. S. corps of cadets, on the 4th day of July, 1864. New York, 1864. 1 vol., O., pp. 14. (A)
- Outhwaite, Joseph H. (of Ohio). Member of Board of Visitors to U. S. M. A. in 1892.
- Overman, Lewis Cooper (U. S. M. A., 1865). Died May 8, 1899, aged 56. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Project, plan, estimate, etc., for the improvement of Oostenaula and Coosawattee rivers, Ga. Rept. Chief of Eng., 1874, vol. 1, pp. 582, 583; 1875, vol. 1, p. 794; 1880, p. 1693. (C)
- Cancy Fork River, Tenn. Rept. Chief of Eng., 1879, pp. 1275, 1277; 1883, p. 1500; 1887, p. 1767. (C)
- Obeyes River, Tenn. Rept. Chief of Eng., 1879, pp. 1275, 1279; 1884, p. 1652. (C)
- Cleveland Harbor, Ohio. Rept. Chief of Eng., 1885, p. 2151; 1888, pp. 2004, 2006. (C)
- Toledo Harbor, Ohio. Rept. Chief of Eng., 1887, pp. 2294, 2295, 2296. (C)
- Sandusky City Harbor, Ohio. Rept. Chief of Eng., 1887, pp. 2337, 2339; 1888, pp. 1991, 1993. (C)
- Rocky River Harbor, Ohio. Rept. Chief of Eng., 1888, p. 2001. (C)
- Conneaut Harbor, Ohio. Rept. Chief of Eng., 1888, p. 2015; 1889, p. 2341; 1892, p. 2519. (C)
- Cowles Creek, Ohio. Rept. Chief of Eng., 1889, p. 2336. (C)
- Chagrin River, near Willoughby, Ohio. Rept. Chief of Eng., 1889, p. 2337. (C)
- Monroe Harbor, Mich. Rept. Chief of Eng., 1889, p. 2339. (C)
- Huron Harbor, Ohio. Rept. Chief of Eng., 1890, p. 2773; 1892, p. 2498. (C)
- Overman, Lewis Cooper. Project, plan, estimate, etc., for the improvement of Fairport Harbor, Ohio. Rept. Chief of Eng., 1890, p. 2785; 1891, p. 2864. (C)
- Ashtabula Harbor, Ohio. Rept. Chief of Eng., 1890, p. 2785; 1891, p. 2864. (C)
- Grand River, Ohio. Rept. Chief of Eng., 1892, p. 2514. (C)
- Texas to Fort Yuma, Cal., outline map showing a new route from, for cattle droves and trains en route to California.
- See Boards—King, 3; Macomb, 33; McFarland, 1. (A)
- Overton, Winfield Scott (U. S. M. A., 1897). Warships and seacoast batteries operations of the American squadron at Santiago de Cuba. [Translation from Revue d'Artillerie.] Jour. U. S. Art., vol. 13, p. 177.
- Translation of Deligny's Infantry under German artillery fire. Jour. U. S. Art., vol. 16, pp. 180, 279.
- Owens, W. A. (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1858.
- Oyster, Joseph Shillington (U. S. M. A., 1874). Photograph *in* Albums of officers' mess.
- Paddock, George Hussey (U. S. M. A., 1873). Saddling, p. 81; Mounted pistol practice, p. 297, Jour. Cav. Assoc., 1892. (A)
- Page, John. Member of Board of Visitors to U. S. M. A. in 1831 and in 1838.
- Page, John E. (of Virginia). Member of Board of Visitors to U. S. M. A. in 1838.
- Page, L. R. (of Mississippi). Member of Board of Visitors to U. S. M. A. in 1859.
- Pague, Samuel Speece (U. S. M. A., 1876). Died July 7, 1899, aged 44. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Paine, Eleaser A. (U. S. M. A., 1839). Died Dec. 16, 1882, aged 67. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1883. (A)
- Paine, William Cushing (U. S. M. A., 1858). Died Sept. 14, 1889, aged 55. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1890. (A)
- Palfrey, Carl Follen (U. S. M. A., 1870). Project, plan, estimate, etc., for the improvement of Niagara Falls, N. Y. Rept. Chief of Eng., 1889, pp. 338, 2436. (C)
- Sodus Harbor (Great), N. Y. Rept. Chief of Eng., 1889, pp. 2413, 2414. (C)
- Oswego, N. Y. Rept. Chief of Eng., 1889, p. 2421. (C)
- Genesee River, N. Y. Rept. Chief of Eng., 1889, p. 2425. (C)
- Irondequoit Bay, Lake Ontario, N. Y. Rept. Chief of Eng., 1889, p. 2426. (C)
- Troutburg Harbor, N. Y. Rept. Chief of Eng., 1889, p. 2427. (C)
- Salmon River, Lake Ontario, N. Y. Rept. Chief of Eng., 1889, p. 2427. (C)
- Frontberg, N. Y., harbor of refuge at. Rept. Chief of Eng., 1889, p. 2427. (C)
- Black River, N. Y. Rept. Chief of Eng., 1889, p. 2432. (C)
- Mississippi River (study of early maps). Rept. Chief of Eng., 1893, p. 3703. (A)
- Report of operations, Mississippi River Commission. Rept. Chief of Eng., 1893, p. 3574. (A)

Palfrey, Edward Augustus (U. S. M. A., 1851). Died Mar. 19, 1901, aged 71. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1901. (A)

Palfrey, Gen. F. W. (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1884.

Palmer, Innis Newton (U. S. M. A., 1846). Died Sept. 9, 1900, aged 76. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1901. (A)

Palmer, John McAuley (U. S. M. A., 1892). Oration delivered before the U. S. corps of cadets July 4, 1891. 12^o, pam. West Point, 1891. See West Point, Fourth of July oration, 1891.

— Railroad building as a mode of warfare. *North Amer. Rev.*, 1902. (A)

— The traction problem in Lakeport. *MS.* 1902.

— The good roads question in Winnebago. *MS.* 1902.

Pardee, Julius Hayden (U. S. M. A., 1871). Died July 13, 1900, aged 52. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1901. (A)

Park, Roswell (U. S. M. A., 1851). Died July 16, 1869, aged 62. A sketch of the history and topography of West Point and the U. S. M. A. . . . Philadelphia, 1840. 1 vol., O., 140 pp. (A)

— Pantology, or a systematic survey of human knowledge. 1841.

— Handbook for American travelers in Europe. 1853.

— Jerusalem, and other poems. 1857.

Parke, John Grubb (U. S. M. A., 1849). Died Dec. 16, 1900. Portrait (oil painting by Hinckley, 1894). Presented by U. S. M. A. In cadet mess hall.

— Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.

— Photograph in Albums of officers' mess.

— Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1901. (A)

— Twenty-second Superintendent from Aug. 28, 1887, to June 24, 1889. Reports as Supt. U. S. M. A., 1887-1889.

— Maps of the Territory of New Mexico. 1 map (25½x39½ in.), folded. (A)

— Zoological report, thirty-second parallel. In *Reports of explorations . . . for a railroad route from the Mississippi River to the Pacific Ocean, 1853-1855*, vol. 10; also *Routes in California*, etc. (A)

— Report of explorations for that portion of a railway route near the thirty-second parallel, lying between Doña Ana on the Rio Grande and Pimas villages on the Gila. 1854. Reports of explorations . . . for a railroad from the Mississippi River to the Pacific Ocean, 1853-1855, vol. 2; *Pacific R. R. Repts.*, vol. 2. (A)

— Report of explorations for railroad routes from San Francisco Bay to Los Angeles, Cal., west of the Coast Range, and from the Pimas villages on the Gila to the Rio Grande near the thirty-second parallel. 1854-1855. *Pacific R. R. Repts.*, vol. 7.

— Laws of the United States relating to public works for the improvement of rivers and harbors, from Aug. 11, 1790, to Aug. 14, 1876. Washington, 1877.

Parke, John Grubb. Extracts from the reports of decisions of the Supreme Court of the United States, concerning navigable waters, riparian proprietors, bridges, boundaries between States, eminent domain, title to certain lots in Washington City, and contracts. O., pp. 264. Washington, 1882.

— Laws of the United States relating to the construction of bridges over navigable waters of the United States, from Mar. 2, 1805, to Mar. 3, 1881. O., pp. 139. Washington, 1882.

— Extracts from opinions of Attorneys-General of the United States concerning acquisition of land, bridges; cession of jurisdiction; contracts; harbor improvements [etc.]. O., pp. 350. Washington, 1882.

— See Boards—Parke. (A)

Parke, John Spry (U. S. M. A., 1879). Civil jurisdiction over military reservations. *Jour. Mil. Serv. Inst. U. S.*, vol. 17, p. 522. (A)

Parker, Francis H. (U. S. M. A., 1861). Died Feb. 22, 1897, aged 50. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1897. (A)

— Powder depot, Piccatinny, report of principal operations, 1881. Rept. Chief of Ord., 1881, p. 74. (C)

— Piccatinny powder depot, description of site, water power, etc. Rept. Chief of Ord., 1881, p. 74; 1882, p. 102. (C)

— Tests of, Whitworth steel, for 8-inch B. L. rifles and 12-inch rifled mortars, p. 9; Rifle, 3.2-inch B. L., report of manufacture, p. 509. Rept. Chief of Ord., 1884. (C)

— Report on fabrication of 3.2-inch steel field guns. Rept. Chief of Ord., 1880, p. 453. (C)

— Siege gun-construction report on a 5-inch B. L. steel experimental, p. 173; Siege, experimental, description and fabrication of, rifle, 5-inch B. L., p. 173; Annealed steel cylinders, report on initial strains in, p. 391; Report of experiments with steel cylinders, p. 391. Rept. Chief of Ord., 1887. (C)

— Objections to present method of making purchases. Rept. Chief of Ord., 1889, p. 99; 1890, p. 114; 1891, p. 104.

— Watervliet Arsenal, progress of work on gun factory, p. 134; Storehouse transformed into projectile foundry at Watervliet Arsenal, p. 138; Projectiles manufactured at Watervliet Arsenal, p. 139; Progress of work on field and seacoast guns at Watervliet Arsenal, p. 140; Removal of old buildings at Watervliet Arsenal, p. 141; Gun carriages and equipments manufactured at Watervliet Arsenal, p. 141; Statement of expenditures at Watervliet Arsenal, p. 142; Specifications for steam-power plant at Watervliet Arsenal, p. 143; Watervliet Arsenal specifications for appliances for transmission of power, p. 149; Watervliet Arsenal Specifications for leather belting, p. 154; Specifications for steam-heating plant at Watervliet Arsenal, p. 155; Lathes at Watervliet Arsenal, specifications for, p. 161; Machine for threading and slotting Watervliet Arsenal for guns, p. 173. Rept. Chief of Ord., 1890. (C)

— Improvements of river channel at Watervliet Arsenal. Rept. Chief of Ord., 1891, p. 125. (C)

- Parker, Francis H.** Watervliet Arsenal report of principal operations for 1891, p. 122; Watervliet Arsenal report of principal operations, 1892, p. 358; Machinery to be put in Watervliet Arsenal, p. 359; Progress of gun work at Watervliet Arsenal, p. 361; Manufacture of field carriages at Watervliet Arsenal, p. 362; Watervliet Arsenal, paving roads with granite blocks, p. 362. Rept. Chief of Ord., 1892. (C)
- Tests of iron and steel and other materials for industrial purposes (letter of transmittal of report only), 1844. No. 2291, doc. 4. (C)
- Plan for moving heavy ordnance. Ord. Note 24, vol. 1, p. 131. (A)
- Tables of fire. Ord. Note 36, vol. 1, p. 227. (A)
- Parker, James** (U. S. M. A., 1876). An easily constructed canvas boat. Jour. Cav. Assoc., 1891, p. 91. (A)
- Cavalry extended-order formations, p. 61; One way of conducting a forced march, p. 180. Jour. Cav. Assoc., 1894. (A)
- Reduced targets for known-distance firing. Jour. Cav. Assoc., 1896, p. 165. (A)
- The conscription of our volunteers, p. 570; The officering and arming of volunteers, p. 650. In North Amer. Rev., vol. 166 (1898). (A)
- Musketry training; its value. Jour. Mil. Serv. Inst. U. S., vol. 14, p. 61. (A)
- translator. Machine guns as an aid to cavalry. Jour. Mil. Serv. Inst. U. S., vol. 22, p. 187. (A)
- Notes on fighting in the Philippines. Jour. Mil. Serv. Inst. U. S., vol. 27, p. 317.
- Parker, John Henry** (U. S. M. A., 1892). History of the gatling-gun detachment, Fifth Army Corps, at Santiago . . . Kansas City, 1898. 1 vol., O. (A)
- Tactical organization and uses of machine guns in the field . . . Kansas City, 1899. 1 vol., O. (A)
- The machine gun arms. Jour. Mil. Serv. Inst. U. S., vol. 24, p. 232. (A)
- Parkhurst, Charles Dyer** (U. S. M. A., 1872). The pistol versus the saber, p. 124; A horse's foot, p. 222; Unshod horses, p. 411. Jour. Cav. Assoc., 1889. (A)
- Comment on On pistol firing. Jour. Cav. Assoc., 1890, p. 112. (A)
- Review of Handbook of Hotchkiss 12-pounder 3-inch mountain gun (1892), p. 157; Comment on Chester's Instruction of gunners, p. 209; Field artillery; its organization and its rôle, p. 250; Electricity and the art of war, p. 315. Jour. U. S. Art., vol. 1. (A)
- Coast artillery fire instruction. Jour. U. S. Art., vol. 3, pp. 197, 625; vol. 4, p. 73.
- Notice of Buckley's Electric lighting plants; their cost and operation. Jour. U. S. Art., vol. 4, p. 159.
- General table of correction of quadrant angles. Jour. U. S. Art., vol. 8, p. 101.
- The artillery at Santiago, p. 137; Report of operations of Light Battery F, Second Artillery, in Santiago campaign, p. 186. Jour. U. S. Art., vol. 11.
- Parkhurst, Charles Dyer.** Translation of Bordenhorst's Mountain artillery in Europe. Jour. Mil. Serv. Inst. U. S., vol. 11, pp. 611-789.
- Education of the soldier. Jour. Mil. Serv. Inst. U. S., vol. 11, p. 946; vol. 12, p. 64. (A)
- Comment on Military gymnastics. Jour. Mil. Serv. Inst. U. S., vol. 12, p. 666. (A)
- Comment on Seacoast ammunition service. Jour. Mil. Serv. Inst. U. S., vol. 13, p. 122. (A)
- Parks, Martin Philip** (U. S. M. A., 1826). Professor of geography, history, and ethics. 1840-1846.
- Parmerter, Almon Lee** (U. S. M. A., 1885). Field works in military operations. Jour. Mil. Serv. Inst. U. S., vol. 14, p. 182. (A)
- Parrott, John H.** Member of Board of Visitors to U. S. M. A. in 1825.
- Parrott, Robert Parker** (U. S. M. A., 1824). Died Dec. 24, 1877, aged 73. Obituary in Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Memoir of (by Frederick De Peyster). pam., O., 1878. (A)
- Facts as to hooped guns . . . New York, 1862. 1 pam., O. (A)
- Parsons, Charles Carroll** (U. S. M. A., 1861). Died Sept. 7, 1878, aged 40. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1879. (A)
- Secretary of the Association of Graduates U. S. M. A. and editor of its Annuals in 1870.
- Associate editor Memphis, Tenn., Banner of the Church, 1871-72.
- Partridge, Alden** (U. S. M. A., 1800). Died Jan. 17, 1854, aged 69. Crayon portrait in office of Supt. U. S. M. A.
- Steel engraving (by H. W. Smith). [In a blue uniform coat with three rows of bell buttons; cadets then wore only one row.] (A)
- Professor of mathematics, U. S. M. A., Apr. 13 to Sept. 1, 1813.
- Professor of civil and military engineering, U. S. M. A., 1813-1816.
- Fourth Superintendent from Mar. 24, 1814, to July 28, 1817. Repts. as Supt. U. S. M. A., 1814-1817.
- Observations relative to the calculation of the altitude of mountains, etc., by the use of the barometer (Aug. 20, 1811); Letter on the method of determining the initial velocities of projectiles (Jan. 19, 1812); An account of some experiments on the fire of artillery and infantry made at the Military Academy Nov. 8 and 17, 1810, and November, 1814; Newton's binomial theorem—Meteorological table (April to October, 1810; April to May, 1811; May to November, 1812; July, 1811, to May, 1812; April to December, 1813; March to November, 1814); Table of the altitude of mountains calculated from barometrical observations (Navesink Highlands)—A general plan for the establishment of additional military academies (April, 1815); Letter to the National Intelligencer relative to calculating heights by means of the barometer. [The foregoing in 1 vol., MS., owned by H. V. Partridge, Norwich, Vt., his son.]

- Partridge, Alden** Pamphlets, bound in 1 vol. National defence; Catalogues of the military academy, Norwich, Vt., 1821-22, etc. O. (A)
- Lecture on national defence. pp. 112-320, in Holbrook (J.): Military tactics. Middletown, 1829. 1 vol. O., pp. 344, portrait (profile) of Captain Partridge. (A)
- Captain Partridge's lecture on national defence. 1 vol., O., pp. 14. (A)
- Catalogue of officers and cadets . . . of the military academy at Middletown, Conn. (1827), pp. 51; of the military academy at Norwich, Vt., 1822, pp. 20; 1821, pp. 19. (A)
- Report on the Northeastern boundary, 1819, etc. (A)
- Altitudes [in Maine]. In Citizen Soldier (newspaper), Dec. 11 and 18, 1840. (A)
- Tables of the altitudes of mountains in the States of New York, New Hampshire, and Vermont, etc. Trans. Amer. Phil. Soc., N. S., vol. 1, p. 147. (A)
- See U. S. M. A., 1830.
- Pasco, Samuel** (of Florida). Member of Board of Visitors to U. S. M. A. in 1867.
- Patrick, Marsena Randolph** (U. S. M. A., 1835). Died July 27, 1888, aged 57. Obituary in Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Patrick, Mason Matthews** (U. S. M. A., 1886). Project, plan, estimate, etc., for the improvement of Mississippi River, first and second districts. Rept. Chief of Eng., 1898, p. 3343. (A)
- Mississippi River. Rept. Chief of Eng., 1899, p. 3337; 1900, p. 4557; 1901 (supp.), p. 41. (A)
- Patten, Francis Jarvis** (U. S. M. A., 1877). Died Nov. 12, 1900, aged 48. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Patten, George** (U. S. M. A., 1847). Died Dec. 20, 1890, aged 64. Army Manual: Containing instruction for officers in the preparation of rolls, returns, and accounts required for regimental and company commanders (etc.). New York, 1864.
- Patten, George W.** (U. S. M. A., 1830). Died Apr. 28, 1882, aged 74. Obituary in Ann. Assoc. Grads. U. S. M. A., 1882. (A)
- Author of numerous poems. 1830-1880.
- The Seminole's reply.
- Joys that we've tasted.
- Voices of the border; a volume of verse.
- Cavalry drill.
- Infantry tactics.
- Patterson, David T.** (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1864.
- Patterson, George Thomas** (U. S. M. A., 1896). Letters on target practice. Jour. U. S. Art., vol. 17, p. 260.
- Patterson, George Thomas Tillman** (U. S. M. A., 1872). Died Aug. 14, 1894, aged 49. Obituary in Ann. Assoc. Grads. U. S. M. A., 1895. (A)
- Patterson, John J.** (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1876.
- Patterson, R. M.** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1834.
- Patterson, Robert.** Member of Board of Visitors to U. S. M. A. in 1819 and in 1823.
- Patterson, Gen. Robert** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1880.
- Patterson, Robert Emmet** (U. S. M. A., 1851). Gen. Robert Patterson and the battle of Bull Run (by his son, Robert E. Patterson). Century Mag., vol. 7 (1884), p. 635.
- Patterson, Thomas Calvin** (U. S. M. A., 1877). Died Apr. 15, 1890, aged 49. Obituary in Ann. Assoc. Grads. U. S. M. A., 1890. (A)
- Paul, Gabriel René** (U. S. M. A., 1834). Died May 5, 1886, aged 88. Obituary in Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- Pawling, Lewis** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1829.
- Paxton, Robert Glasgow** (U. S. M. A., 1887). Axtellite smokeless powder, composition and ballistic qualities of, p. 261; Ballistic work, methods and appliances for, at Frankford Arsenal, p. 303. Rept. Chief of Ord., 1893. (C)
- Payne, Brooke** (U. S. M. A., 1895). Embarkation and disembarkation of horses at sea. Jour. Cav. Assoc., 1899, p. 388. (A)
- Payne, David W.** (of New York). Member of Board of Visitors to U. S. M. A. in 1891.
- Payne, John Scott** (U. S. M. A., 1866). Died Dec. 16, 1895, aged 51. Obituary in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Editor Rogersville, Tenn., Journal, June to October, 1870.
- Editor Knoxville, Tenn., Whig and Register, October to December, 1871.
- Payson, Albert Henry** (U. S. M. A., 1868). Project, plan, estimate, etc., for the improvement of Sacramento and Feather rivers, Cal. Rept. Chief of Eng., 1877, p. 695. (C)
- Colorado River of the West, Ariz. Rept. Chief of Eng., 1879, pp. 1774, 1780. (C)
- Yuba River, Cal. Rept. Chief of Eng., 1885, p. 2374. (C)
- Smiths River, Cal. Rept. Chief of Eng., 1887, p. 2451. (C)
- Crescent City Harbor, Cal. Rept. Chief of Eng., 1887, p. 2455. (C)
- bridge at Butte City, Cal. Rept. Chief of Eng., 1888, p. 2652. (C)
- See Boards—Alexander, 7. (A)
- Peacock, James** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1836.
- Pearce, Dutee J.** (of Rhode Island). Member of Board of Visitors to U. S. M. A. in 1848.
- Pearce, Fred Anderson** (U. S. M. A., 1897). Died June 6, 1899, aged 28. Obituary in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Pearson, Daniel Crosby** (U. S. M. A., 1870). Military notes, 1876. Jour. Cav. Assoc., 1899, p. 295. (A)
- Pease, William Russell** (U. S. M. A., 1855). Died June 7, 1895, aged 64. Obituary in Ann. Assoc. Grads. U. S. M. A., 1895. (A)
- Peck, Fremont Pearsons** (U. S. M. A., 1887). Died Feb. 19, 1895, aged 29. Obituary in Ann. Assoc. Grads. U. S. M. A., 1895. (A)
- Test of smokeless powder at Sandy Hook proving ground, p. 395; German, test of, powder, smokeless, p. 397; Navy, test of, powder, smokeless, p. 398; Troisdorf, test of, powder,

- smokeless, p. 399; Leonard, test of, powder, smokeless, p. 402; Increase of efficiency of guns by using smokeless powder, p. 414; Superiority of efficiency of, rifle, 3.2-inch B. L. over other guns, p. 405. Rept. Chief of Ord., 1893. (C)
- Peck, Fremont Pearsons.** Range tables for 3.2-inch field guns with shell and shrapnel. Rept. Chief of Ord., 1894.
- , translator. Effects of fire on gun carriages. Notes Constr. Ord., No. 58, vol. 3, p. 1. (A)
- Peck, John James** (U. S. M. A., 1843). Died Apr. 21, 1878, aged 57. Engraving (by J. C. Buttre) owned by Assoc. Grads. U. S. M. A.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Peck, Gen. Theodore S.** (of Vermont). Member of Board of Visitors to U. S. M. A. in 1891.
- Peck, William Guy** (U. S. M. A., 1844). Died Feb. 7, 1892, aged 71. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1892. (A)
- Member of Board of Visitors to U. S. M. A. in 1868.
- Mathematical dictionary and encyclopedia of mathematics, 1855.
- Elements of mechanics, 1859.
- Popular physics. [Translated from the French of Ganot.] 1859.
- A complete course of mathematics, viz, arithmetic, algebra, geometry and trigonometry, analytical geometry, and calculus. 1859-1878.
- and Davies, Charles. Popular astronomy.
- Pegram, John** (U. S. M. A., 1854). Died Feb. 6, 1865. Engraving owned by Assoc. Grads. U. S. M. A.
- Peirce, William Sullivan** (U. S. M. A., 1888). Report on manufacture of 12-inch spring-return motor carriages. Rept. Chief of Ord., 1899.
- Pelouze, Louis Henry** (U. S. M. A., 1853). Died June 2, 1878, aged 47. Obituary in Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Pemberton, John Clifford** (U. S. M. A., 1837). Died July 13, 1881, aged 67. Engraving owned by Assoc. Grads. U. S. M. A. (A)
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1882.
- Pence, William Perry** (U. S. M. A., 1894). The possibilities of the camera obscura as a range and position finder, p. 113; Battery commander's record [on target practice], p. 263. Jour. U. S. Art., vol. 17.
- Pendleton, George H.** (of Ohio). Member of Board of Visitors to U. S. M. A. in 1881.
- Pendleton, William Nelson** (U. S. M. A., 1830). Died Jan. 15, 1883, aged 73. Obituary in Ann. Assoc. Grads. U. S. M. A., 1883. (A)
- Science a witness for the Bible. 1860.
- Memoirs of. 1893. See Lee, Susan P. (A)
- Penn, Julius Augustus** (U. S. M. A., 1886). Mounted infantry. Jour. Mil. Serv. Inst. U. S., vol. 12, p. 1125. (A)
- Ammunition packing boxes. Jour. Mil. Serv. Inst. U. S., vol. 17, p. 564. (A)
- Pennington, Alexander Cummings McWhorter** (U. S. M. A., 1860). Range table for the 5-inch B. L. rifle. Jour. U. S. Art., vol. 3, p. 606.
- Penrose, Charles B.** Member of Board of Visitors to U. S. M. A. in 1834.
- Percival, James G.** Professor of chemistry, mineralogy, and geology, U. S. M. A., Mar. 4 to July 6, 1824.
- Perrine, L.** (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1866.
- Perry, Alexander James** (U. S. M. A., 1851). Photograph in Albums of officers' mess.
- Perry, Alexander Wallace** (U. S. M. A., 1888). The Ninth Cavalry in the Sioux campaign of 1890. Jour. Cav. Assoc., 1891, p. 37. (A)
- Perry, M. C.** (of U. S. Navy). Member of Board of Visitors to U. S. M. A. in 1842.
- Pershing, John Joseph** (U. S. M. A., 1886). Notes on The competitions for 1889. Jour. Cav. Assoc., 1889, p. 420. (A)
- Peterson, Matt Ransome** (U. S. M. A., 1889). Died Oct. 17, 1900, aged 34. Obituary in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Petrekin, H.** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1832.
- Petrikin, Reuben Winslow** (U. S. M. A., 1865). Died Oct. 15, 1882, aged 40. Obituary in Ann. Assoc. Grads. U. S. M. A., 1883. (A)
- Pettis, Spencer** (of Missouri). Member of Board of Visitors to U. S. M. A. in 1830.
- Pettit, Colville Matt** (U. S. M. A., 1886). Died Dec. 30, 1890, aged 27. Obituary in Ann. Assoc. Grads. U. S. M. A., 1891. (A)
- Pettit, James Sumner** (U. S. M. A., 1875). Photograph in Albums of officers' mess.
- Modern reproductive graphic processes. . . New York, 1884. 1 vol., O. [Van Nostrand's Science Series, 76.] (A)
- Outposts, patrols, advanced and rear guards. . . [1893?] 1 vol., O. (A)
- Elements of military science. Rev. ed. New Haven, 1895. 1 vol., O. (A)
- The Military Academy and the education of officers. In Jour. Mil. Serv. Inst., U. S., vol. 16 (1895), p. 332. (A)
- Review of Schneegans De la Puissance de Feux, p. 421; Notice of Sharpe's The art of supplying armies in the field, p. 426. Jour. U. S. Art., vol. 5.
- Apache campaign notes, 86. Jour. Mil. Serv. Inst., U. S., vol. 7, p. 331. (A)
- Comment on The gyroscope and the draft, p. 336; De Hensch's Method of combat for infantry, etc., p. 1065. Jour. Mil. Serv. Inst., U. S., vol. 12. (A)
- Terrain in its relations to military operations. (Honorable mention essay.) Jour. Mil. Serv. Inst. U. S., vol. 13, p. 851. (A)
- Proper military instruction for officers. [Prize essay.] Jour. Mil. Serv. Inst. U. S., vol. 20, p. 1. (A)
- Reply to Wagner's comment on Proper military education of officers. Jour. Mil. Serv. Inst. U. S., vol. 26, p. 631. (A)
- Pettit, T. M.** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1839.

- Pettus**, Edmund W. (of Alabama). Member of Board of Visitors to U. S. M. A. in 1902.
- Pew**, T. J. (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1835.
- Peyton**, J. H. (of Virginia). Member of Board Visitors to U. S. M. A. in 1841.
- Phelan**, John D. (of Alabama). Member of Board of Visitors to U. S. M. A. in 1836.
- Phelps**, J. (of California). Member of Board of Visitors to U. S. M. A. in 1862.
- Phelps**, John Walcott (U. S. M. A., 1836). Died Feb. 2, 1885, aged 72. Obituary in Ann. Assoc. Grads. U. S. M. A., 1885. (A)
- Numerous articles, on the danger of Freemasonry; African colonization; and on political, scientific, and educational subjects, 1853-78.
- Translator of De La Hode's secret societies of France. 1864.
- The fables of Florian in English verse.
- History of Madagascar.
- Good behavior.
- Sibylline leaves.
- Phelps**, Joshua (of Iowa). Member of Board of Visitors to U. S. M. A. in 1857.
- Philbrick**, John Herbert (U. S. M. A., 1877). Died July 24, 1890, aged 37. Obituary in Ann. Assoc. Grads. U. S. M. A., 1891. (A)
- Phillips**, John F. (of Missouri). Member of Board of Visitors to U. S. M. A. in 1880.
- Phillips**, Charles Blanchard (U. S. M. A., 1804). Died June 14, 1881, aged 41. Obituary in Ann. Assoc. Grads. U. S. M. A., 1882. (A)
- Aquia Creek, Va. Rept. Chief of Eng., 1872, pp. 69, 71, 688, 707, 708, 709. (C)
- Project, plan, estimate, etc., for the improvement of Accotink Creek, Va. Rept. Chief of Eng., 1872, pp. 688, 707, 711. (C)
- Choppawamasic Bay, Va. Rept. Chief of Eng., 1872, pp. 707, 708, 714, 715. (C)
- Neabasco Bay, Va. Rept. Chief of Eng., 1872, p. 712. (C)
- Elizabeth River (South Branch), Va. Rept. Chief of Eng., 1872, pp. 716, 720. (C)
- Cape Fear River, N. C. Rept. Chief of Eng., 1874, vol. 2, pp. 69, 70; 1875, vol. 2, pp. 99, 101. (C)
- North Landing River, Va. Rept. Chief of Eng., 1879, pp. 99, 687, 690, 691. (C)
- Neuse River, N. C. Rept. Chief of Eng., 1879, pp. 93, 704, 705. (C)
- Onancock Harbor, Va. Rept. Chief of Eng., 1879, pp. 511, 716, 717, 718. (C)
- Norfolk Harbor, Va. Rept. Chief of Eng., 1879, p. 675. (C)
- North Landing River, Va. and N. C. Rept. Chief of Eng., 1879, p. 691; 1880, p. 824; 1886, p. 153. (C)
- Currutuck Sound, Coanok Bay, and North River Bar, N. C. Rept. Chief of Eng., 1879; p. 693; 1880, p. 827; 1881, p. 1000. (C)
- Scuppermong River, N. C. Rept. Chief of Eng., 1879, pp. 698, 699. (C)
- Tar River, N. C. Rept. Chief of Eng., 1879, p. 700. (C)
- Trent River, N. C. Rept. Chief of Eng., 1879, pp. 711, 714; 1887, p. 1017. (C)
- Phillips**, Charles Blanchard. Project, plan, estimate, etc., for the improvement of Nottoway River, Va. Rept. Chief of Eng., 1879, pp. 720, 722; 1880, p. 823. (C)
- Chowan River, N. C. Rept. Chief of Eng., 1879, p. 728. (C)
- Pee Dee River (Great), S. C. Rept. Chief of Eng., 1880, pp. 124, 845; 1891, p. 1450. (C)
- York River, Va. Rept. Chief of Eng., 1880, p. 777; 1885, p. 984; 1887, p. 949. (C)
- Waccamaw River, N. C. Rept. Chief of Eng., 1880, p. 848; 1885, p. 1105; 1886, p. 1022; 1892, p. 1196. (C)
- New Berne to Beaufort, N. C. Rept. Chief of Eng., 1880, pp. 857, 897; 1884, p. 1066. (C)
- water communication from Norfolk Harbor to Atlantic Ocean, south of Hatteras. Rept. Chief of Eng., 1880, p. 869. (C)
- Broad Lynn Haven and Link Horn Bays, Va., Rept. Chief of Eng., 1880, p. 901. (C)
- Pamunky River, Va. Rept. Chief of Eng., 1880, pp. 905, 906; 1885, p. 983; 1887, p. 943; 1891, p. 1275. (C)
- Archers Hope River, Va. Rept. Chief of Eng., 1880, p. 907; 1885, p. 157; 1887, p. 117. (C)
- Lockwoods Folly River, N. C. Rept. Chief of Eng., 1880, p. 909. (C)
- Catawba River, N. C. and S. C. Rept. Chief of Eng., 1880, p. 912. (C)
- Wateree River, S. C. Rept. Chief of Eng., 1880, pp. 915, 916; 1881, p. 1034; 1885, p. 1124; 1887, pp. 1089, 1091; 1892, p. 1214. (C)
- Santee River and Canal, S. C. Rept. Chief of Eng., 1880, pp. 918, 919; 1886, p. 1036; 1887, p. 1081. (C)
- Contentuea Creek, N. C. Rept. Chief of Eng., 1881, pp. 1010, 1012; 1885, pp. 1060, 1062; 1887, p. 1013; 1891, p. 1351; 1892, p. 1123. (C)
- Beaufort Harbor, N. C. Rept. Chief of Eng., 1881, pp. 1013, 1017. (C)
- Cape Fear River, N. C., above Wilmington. Rept. Chief of Eng., 1881, p. 1018; 1885, p. 1084; 1886, p. 996; 1887, p. 1045; 1891, p. 1392. (C)
- Lillington River, N. C. Rept. Chief of Eng., 1881, p. 1022; 1884, p. 1044. (C)
- Town Creek, N. C. Rept. Chief of Eng., 1881, p. 1025. (C)
- Georgetown Harbor, S. C. Rept. Chief of Eng., 1881, p. 1038; 1886, p. 1029; 1887, p. 1074; 1889, p. 1103. (C)
- Lynchs River, S. C. Rept. Chief of Eng., 1881, pp. 1039, 1040. (C)
- Black River, S. C. Rept. Chief of Eng., 1881, p. 1041. (C)
- Phillips**, Charles Leonard (U. S. M. A., 1881). The Phillips replotting board. Jour. U. S. Art., vol. 17, p. 70.
- Phillips**, James (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1851.
- Phillips**, John (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1864.

- Phillips, Joseph Augustus** (U. S. M. A., 1823). Died Jan. 4, 1846, aged 41. Quartermaster U. S. M. A., June 26, 1834, to May 25, 1835.
- Phipps, Frank Huntington** (U. S. M. A., 1863). Watkins range finder, p. 373; Report on, Berdan telemeter, p. 379; Nolan's range finder, p. 385. Rept. Chief of Ord., 1879. (C)
- Arm rack for company quarters. Rept. Chief of Ord., 1880, p. 271. (C)
- Description of portable arm rack for company quarters. Ord. Note 125, vol. 4, p. 344. (A)
- Report of principal operations at Power depot. Rept. Chief of Ord., 1889. (C)
- Objections to present method of making objections. Rept. Chief of Ord., 1889, p. 102; 1890, p. 118; 1891, p. 108. (C)
- Report (Ordinance Board) on test of Howell 10-inch disappearing carriage. Rept. Chief of Ord., 1899.
- Rept. of principal operations at Springfield Armory, Mass. Rept. Chief of Ord., 1899, 1900.
- Report on range finders. Ord. Note 116, vol. 4, p. 175. (A)
- Phister, Nat. Poyntz** (U. S. M. A., 1878.) The Indian Messiah. Jour. Cav. Assoc., 1891, p. 427. (A)
- Infantry footwear. Jour. Mil. Serv. Inst. U. S., vol. 15, p. 593. (A)
- Pickell, John** (U. S. M. A., 1822). Died Jan. 23, 1865, aged 63. A new chapter in the early life of Washington, in connection with the narrative history of the Potomac Company . . . 1 vol., O. 1856. (A)
- Frostburg Gazette, and Miners' Record, 1850-1861.
- Pickering, John** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1839.
- Pickering, Timothy**. Secretary of War, 1795. *Portrait*, oil painting by W. M. Veckett, after Gilbert Stuart. Presented by —, in the Library.
- Pickett, George Edward** (U. S. M. A., 1846). Died July 30, 1875, aged 50. Engraving (by William Murray) owned by Assoc. Grads. U. S. M. A.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1876. (A)
- Pickett and his men (by Mrs. La Salle Corbell Pickett). Atlanta, Ga., 1899.
- See Harrison (Walter): Pickett's men. A fragment of war history. New York, 1870. 1 vol., O. (A)
- Pictou, Thomas**. Professor of geography, history, and ethics. 1818-1825.
- Pierce, —** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1824.
- Pierce, Henry L.** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1893.
- Pierston, Henry W.** (of New York). Member of Board of Visitors to U. S. M. A. in 1872.
- Pinkerton, Prof. C. M.** (of Iowa). Member of Board of Visitors to U. S. M. A. in 1889.
- Piper, Alexander** (U. S. M. A., 1851). Died Feb. 22, 1902, aged 73. Photograph in Albums of officers' mess.
- Pipes, Henry Alexander** (U. S. M. A., 1892). Died Mar. 22, 1897, aged 28. Obituary in Ann. Assoc. Grads. U. S. M. A., 1897. (A)
- Pitcher, John** (U. S. M. A., 1879). Snap shooting with rifle and pistol. Jour. Cav. Assoc., 1892, p. 157. (A)
- The carbine; how it should be carried mounted. Jour. Cav. Assoc., 1893, p. 137. (A)
- Pitcher, Thomas Gamble** (U. S. M. A., 1845). Died Oct. 19, 1895, aged 70. Portrait (oil painting by D. Huntington) presented by U. S. M. A., in the Cadet Mess Hall.
- Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Seventeenth Superintendent from Aug. 28, 1866, to Sept. 1, 1871. Repts. as Supt. U. S. M. A., 1866-1871.
- Pitchers, —** (of Michigan). Member of Board of Visitors to U. S. M. A. in 1838.
- Pitman, John** (of Rhode Island). Member of the Board of Visitors to U. S. M. A. in 1828.
- Pitman, John** (U. S. M. A., 1867). United States, description of testing machine. Rept. Chief of Ord., 1883, p. 223. (C)
- Effect of granulation on velocities and pressures of Wetteren smokeless powder, p. 352; Pressures obtained with, Wetteren smokeless powder, using .30-caliber rifle, p. 942. Rept. Chief of Ord., 1892. (C)
- Description of laboratory at Frankford Arsenal, p. 275; Wetteren smokeless powder, investigation of chemical properties at Frankford Arsenal, p. 277. Rept. Chief of Ord., 1893. (C)
- Report of chemical tests of smokeless powders. Rept. Chief of Ord., 1894. (C)
- Report on chemical laboratory at Frankford Arsenal. Repts. Chief of Ord., 1895, 1897. (C)
- Report of tests of smokeless powders for small arms at Frankford Arsenal. Rept. Chief of Ord., 1897. (C)
- , translator. Smokeless powder. Notes Constr. Ord. No. 64, vol. 3, p. 1.
- Plate, Otto**. Assistant librarian U. S. M. A. from November, 1894, to October, 1901.
- Platt, Edward Russell** (U. S. M. A., 1849). Died June 17, 1884, aged 58. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1885. (A)
- Acting Professor of Spanish, U. S. M. A., 1864-65.
- Revised articles of war, for the government of the armies of the United States, with synoptical index. Fort Leavenworth, Kans., 1878. 1 vol., O., 27 pp. (A)
- Platt, Thomas C.** (of New York). Member of Board of Visitors to U. S. M. A. in 1877.
- Pleasanton, Alfred** (U. S. M. A., 1844). Died Feb. 17, 1897, aged 73. Engraving (by J. C. Buttre) owned by Assoc. Grads. U. S. M. A.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1897. (A)
- Pleasanton, Augustus James** (U. S. M. A., 1826). Died July 26, 1894, aged 86. Obituary in Ann. Assoc. Grads. U. S. M. A., 1895. (A)

Pleasanton, Augustus James. On the influence of the blue color of the sky in developing animal and vegetable life . . . Philadelphia, 1871. 1 pam., O. (A)

— Influence of the blue ray of the sunlight and of the blue colour of the sky . . . Philadelphia, 1870. 1 vol., O. (A)

— See Philadelphia Home Guard, 3d Ann. Rept., 1863.

Plummer, Edward Hinkley (U. S. M. A., 1877). Practice versus theory in training. Jour. Mil. Serv. Inst., U. S., vol. 14, p. 1010. (A)

— Comment on Palmer's Reform in paper work, Q. M. D. Jour. Mil. Serv. Inst. U. S., vol. 17, p. 182. (A)

— Marching shoes for troops. Jour. Mil. Serv. Inst. U. S., vol. 19, p. 480. (A)

Plummer, John C. (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1838

Plummer, Satterlee Clark (U. S. M. A., 1865). Died Nov. 14, 1881, aged 37. Obituary in Ann. Assoc. Grads. U. S. M. A., 1882. (A)

Plunkett, William B. (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1897.

Poe, Orlando Metcalfe (U. S. M. A., 1850). Died Oct. 2, 1895, aged 63. Engraving (by Western Publishing and Engraving Company) owned by Assoc. Grads. U. S. M. A.

— Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1896. (A)

— Project, plan, estimate, etc., for the improvement of Au Sable River and Harbor, Mich. Rept. Chief of Eng., 1870, pp. 152, 153-158; 1872, p. 209; 1885, pp. 2130, 2137; 1886, p. 322. (C)

— St. Marys River and St. Marys Falls Canal, Mich. Rept. Chief of Eng., 1870, pp. 158, 160, 161, 162; 1873, p. 288; 1874, vol. 1, p. 197; 1884, pp. 2012, 2033, 2125; 1885, p. 2105; 1886, p. 1735; 1887, pp. 2215, 2217, 2220, 2223. (C)

— Clinton Harbor, Mich. Rept. Chief of Eng., 1870, pp. 161, 162; 1871, p. 180; 1872, p. 214. (C)

— St. Clair River, at the mouth of Black River, Mich. Rept. Chief of Eng., 1871, pp. 41, 159; 1873, p. 300; 1874, vol. 1, pp. 47, 212; 1875, vol. 1, pp. 52, 278. (C)

— Huron (Lake), harbor of refuge on. Rept. Chief of Eng., 1871, p. 44; 1872, pp. 213, 221, 222. (C)

— Cheboygan Harbor, Mich. Rept. Chief of Eng., 1871, p. 172; 1872, p. 203; 1885, pp. 2128, 2248. (C)

— Pine River, Saginaw Bay, Mich. Rept. Chief of Eng., 1871, p. 188. (C)

— St. Clair Flats and Ship Canal, Mich. Rept. Chief of Eng., 1872, pp. 42, 210; 1885, p. 2160; 1886, p. 1838; 1887, p. 2263. (C)

— St. Clair Flats Ship Canal, Mich. Rept. Chief of Eng., 1885, p. 2160; 1886, p. 1838; 1887, p. 2263. (C)

— Port Crescent, Mich. Rept. Chief of Eng., 1873, p. 304. (C)

— Clinton River, Mich. Rept. Chief of Eng., 1881, p. 300; 1885, p. 2193; 1886, p. 325; 1891, p. 2788. (C)

Poo, Orlando Metcalfe. Project, plan, estimate, etc., for the improvement of Detroit River, Mich. Rept. Chief of Eng., 1885, pp. 2169, 2167; 1886, p. 1843; 1887, p. 2268; 1892, p. 2481. (C)

— Mackinac City, Mich. Rept. Chief of Eng., 1885, p. 2181; 1887, p. 2272. (C)

— Pine River, Mich. Rept. Chief of Eng., 1885, p. 2183. (C)

— Cross Village Harbor, Mich. Rept. Chief of Eng., 1885, p. 2185. (C)

— St. Clair River, Mich. Rept. Chief of Eng., 1885, pp. 2168, 2202; 1887, p. 2270. (C)

— North River, Mich. Rept. Chief of Eng., 1887, p. 2271. (C)

— Forestville Harbor, Lake Huron, Mich. Rept. Chief of Eng., 1887, p. 2273; 1889, p. 2282. (C)

— Pinebog River, Mich. Rept. Chief of Eng., 1887, p. 2275. (C)

— Rouge River, Mich. Rept. Chief of Eng., 1887, p. 2278; 1891, p. 2823. (C)

— Black River, Mich. Rept. Chief of Eng., 1887, p. 2280. (C)

— Alpena Harbor and Thunder Bay River, Mich. Rept. Chief of Eng., 1888, p. 1991; 1889, p. 2290; 1891, p. 2765. (C)

— Detroit River, Mich., channel at Grosse Pointe. Rept. Chief of Eng., 1888, p. 1978; 1890, p. 2742; 1891, p. 2790; 1892, p. 2479. (C)

— bridge of the Ohio River Railroad Company at Point Pleasant, W. Va. Rept. Chief of Eng., 1888, p. 2451. (C)

— bridge of the Sault Ste. Marie Bridge Company. Rept. Chief of Eng., 1888, p. 2458. (C)

— Sand Beach, Lake Huron, Mich. Rept. Chief of Eng., 1889, p. 2256; 1890, p. 2731. (C)

— false Presque Isle Harbor, Lake Huron, Mich., harbor of refuge at. Rept. Chief of Eng., 1889, p. 2277. (C)

— Au Gres River, Mich. Rept. Chief of Eng., 1889, p. 2278. (C)

— Port Austin, Mich. Rept. Chief of Eng., 1889, p. 2280. (C)

— Lexington Harbor, Mich. Rept. Chief of Eng., 1889, p. 2282. (C)

— Pine River at St. Clair City, Mich. Rept. Chief of Eng., 1889, p. 2283. (C)

— Quanicassaw River, Mich. Rept. Chief of Eng., 1889, p. 2284. (C)

— Port Sanilac, Mich. Rept. Chief of Eng., 1889, p. 2285. (C)

— St. Clair River at Algonac. Rept. Chief of Eng., 1889, p. 2287. (C)

— Black River at Port Huron, Mich. Rept. Chief of Eng., 1889, pp. 2292, 2293; 1891, p. 2781; 1892, p. 2479. (C)

— Yellowstone River, Dak. and Mont. Rept. Chief of Eng., 1891, p. 2242. (C)

— Allouez (Allouez) and Nemadji River, Lake Superior, Wis. Rept. Chief of Eng., 1891, p. 2512. (C)

— Sebewaug River, Mich. Rept. Chief of Eng., 1891, p. 2805. (C)

- Poe, Orlando Metcalfe. Project, plan, estimate, etc., for the improvement of ship channel between Chicago, Duluth, and Buffalo. Rept. Chief of Eng., 1891, p. 2819. (C)
- Corsica Shoal, St. Clair River, Mich. Rept. Chief of Eng., 1891, p. 2822. (C)
- harbor lines in St. Marys River, at Sault Ste. Marie, Mich. Rept. Chief of Eng., 1893, p. 3038. (A)
- Report on commerce passing St. Mary's Falls Canal, Mich. Rept. Chief of Eng., 1893, p. 2974; 1894, p. 2271; 1895, p. 2871. (A)
- Report on transcontinental railways, 1883. O. Wash., 1883. Misc. Papers, vol. 3.
- 147 stereoscopic views kept in box. [List in first volume.] (A)
- Knoxville, Tenn., approaches and defenses of, showing the positions occupied by the United States and Confederate forces during the siege during December, January, and February, 1863-64.
- Atlanta, siege of, by the United States forces under command of Maj. Gen. W. T. Sherman, from the passage of Beech Tree Creek, July 19, 1864, to the commencement of the movement upon the enemy's lines of communication south of Atlanta, Aug. 26, 1864, from a map prepared by O. M. Poe.
- Photographs, war of the rebellion, 1864-65. Nashville, Knoxville, Chattanooga, Atlanta, Savannah, Charleston, Fort Sumter, and miscellaneous. 2 vols., F., obl. (16x25 in.), and 1 vol., Q., obl. (A)
- See Boards—Poe; Abbot, 2; Barnard, 1; Comstock, 13, 14; Macomb, 9, 10, 17, 33; Reynolds, 2; Wright, 4, 5, 6. See Commissions—Poe. (A)
- Poinsett, J. R. (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1833.
- Poland, John Scroggs (U. S. M. A., 1861). Died Aug. 8, 1898, aged 62. Photograph in Albums of officers' mess.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1899. (A)
- A digest of the military laws of the United States from 1860 to . . . 1867 . . . 1 vol., O. 1868. (A)
- Notes on evidence applicable to courts-martial procedure. Fort Leavenworth, 1885. 1 vol., O., 30 pp. (A)
- Poland, Luke P. (of House of Representatives). Member of Board of Visitors to U. S. M. A. in 1873.
- Poland, Martin Luther (U. S. M. A., 1864). Died Aug. 20, 1878, aged 37. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1878. (A)
- Polk, L. J. (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1852.
- Polk, Leonidas (U. S. M. A., 1827). Died June 14, 1864, aged 58. Engraving. Owned by Assoc. Grads. U. S. M. A.
- Leonidas Polk, bishop and general (by William Mecklenburg). New York, 1893. 2 vols.
- Polk (William M.): Life of Leonidas Polk. (A)
- Polk, Marshall Tate (U. S. M. A., 1852). Died Feb. 29, 1884, aged 53. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1884. (A)
- Pollard, Richard. Member of Board of Visitors to U. S. M. A. in 1833.
- Pomeroy, John N. (of Vermont). Member of Board of Visitors to U. S. M. A. in 1850.
- Pope, James Worden (U. S. M. A., 1868). Military penology, p. 782; Comment on Field exercises, p. 1033. *Jour. Mil. Serv. Inst. U. S.*, vol. 12. (A)
- Pope, John (U. S. M. A., 1842). Died Sept. 23, 1892, aged 70. Oil portrait in Union League Club, Philadelphia.
- Engraving owned by Assoc. Grads. U. S. M. A.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1893. (A)
- Some legacies of the civil war. In *North Amer. Rev.*, vol. 144, June, 1887. (A)
- Common-sense and civil-service reform. In *North Amer. Rev.*, vol. 169, September, 1889. (A)
- Exploration of Territory of Minnesota, 1849. No. 558, doc. 42. (A)
- Route near the thirty-second parallel lying between the Red River and the Rio Grande. In *Reports of explorations . . . for a railroad from the Mississippi River to the Pacific Ocean, 1853-1855*, vol. 2. (A)
- The Virginia campaign of July and August, 1862.
- Order-book, headquarters Army of Virginia, Aug. 21-25, 1862. MS., manifold copies, 1 vol., O. (A)
- Aug. 26-Sept. 2, 1862. MS., manifold copies, 1 vol., O. (A)
- John Pope (by M. F. Force). M. O. L. L. U. S., Ohio, War Papers, vol. 4. 1896. In War Dept. Library.
- The second battle of Bull Run. *Century Mag.*, vol. 31, U. S., vol. 9, p. 441.
- Porter, Vice-Admiral, David D. (of U. S. Navy). Member of Board of Visitors to U. S. M. A. in 1870.
- Porter, Fitz-John (U. S. M. A., 1845). Died May 21, 1901, aged 78. Engraving (by J. C. Buttre) owned by Assoc. Grads. U. S. M. A.
- Photograph in Albums of officers' mess.
- Bronze statue, heroic size (by J. W. Kelly). To be erected at Portsmouth, N. H.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1901. (A)
- Adjutant U. S. M. A., Sept. 1, 1853, to Aug. 1, 1854.
- Review by Judge-Advocate-General of court-martial proceedings of. 1863. In War Dept. Library.
- Reply to the review of Judge-Advocate-General Holt (by Reverdy Johnson). 1 pam., O. 1863. (A)
- Reply to Reverdy Johnson's attack upon the Administration in the case of Fitz-John Porter. Baltimore, 1863. In War Dept. Library.
- Reply to speech of Senator Z. Chandler. 1870. In War Dept. Library.

Porter, Fitz-John. Opinions and memorials in the case of. O., pam. 1874. (A)

— Statements, brief of the case of. *In* Pope (Gen. John and Cte. de Paris): Correspondence . . . concerning the second battle of Bull Run. 1876. 1 pam., Q. (A)

— Case of. 1 pam., O. 1878. [See House Ex. Doc. No. 71, 37th Cong., 2d sess.; Supp. vol. 12, pt. 2, War of the Rebellion, Series I]

— Speech by T. M. Browne, House of Representatives, 1884. *In* War Dept. Library.

— Committee report on, 1880. No. 1803, doc. 158; No. 1034, doc. 129; 1882, No. 2007, doc. 662; 1884, No. 2173, doc. 74; No. 2253, doc. 1.

— Papers relating to. No. 1316, doc. 2.

— Proceedings and reports of board. Pt. 1, 560 pp., No. 1871, doc. 37; pt. 2, pp. 1-940, No. 1871, doc. 37; pt. 3, pp. 947-1762, 22 maps, No. 1872, doc. 37. (C)

— No. 1. Statement of services of Fifth Army Corps. (A)

— No. 2. Argument of Anson Maltby. 1 pam., O. (A)

— No. 3. Argument of John C. Bullitt. 1 pam., O. 1879. (A)

— No. 4. Closing argument by Joseph H. Choate. O., pam. 1879. (A)

— Proceedings and report of the board of army officers convened by Special Order, No. 78, Headquarters of the Army, Washington, Apr. 12, 1878, in the case of Fitz-John Porter, together with proceedings in original trial. Pts. 1, 2, 3, 4. Maps. Washington, 1879. 4 vols., O. (A)

— Morristown, N. J., Aug. 29, 1880. Letter to Gen. J. D. Cox. Cincinnati. (A)

— Slater (John S.). Address to the soldiers of the Army of the Potomac . . . Containing a brief review of the case of Gen. Fitz-John Porter. Washington, 1880. 1 pam., O. (A)

— Memorial of. O., pam. 1882. [47th Cong., 1st sess., Senate Misc. Doc. No. 91.] (A)

— Summary of case of (by T. A. Lord). 1883. *In* War Dept. Library.

— Speeches of Hon. W. J. Sewell delivered in the Senate Dec. 28, 1882, Jan. 3, 1883, and Mar. 12, 1884. 1 pam., O. 1883. (A)

— Speech of Hon. H. W. Slocum in the House of Representatives Jan. 18, 1884. O., pam. (A)

— Speech of Hon. J. W. Keifer, of Ohio, in House of Representatives Jan. 25, 1884. (A)

— Speech of Hon. William Walter Phelps in the House of Representatives Feb. 1, 1884. O., pam. (A)

— Speech of Hon. Andrew G. Curtin in the House of Representatives July 1, 1884. O., pam. (A)

— Speech of Senator J. F. Wilson, 1884. *In* War Dept. Library.

— How to quell mobs. *In* North Amer. Rev., vol. 141, October, 1885.

— Biographical sketch of, from Encyclopaedia of contemporary biography. Pam. 1885. (A)

— Speech of [Hon. Martin A. Haynes in the House of Representatives Feb. 11, 1886. (A)

Porter, Fitz-John. Speeches of Hons. E. S. Bragg and Joseph Wheeler in the House of Representatives Feb. 16, 1886. (A)

— Speeches of Hons. B. Weber and William C. Oates in the House of Representatives Feb. 17, 1886. (A)

— Referring to some publications in the Century Magazine. O. 1889. (A)

— Report of court of inquiry in case of. Senate Ex. Doc. 37, 49th Cong., 1st sess., 3 vols. 1879. *In* War Dept. Library.

— Report of Mr. Sewell, Committee on Military Affairs, 49th Cong., 1st sess., No. 1951. (A)

— General Grant's unpublished correspondence in the case of. 1 v., O., pam. (A)

— Army of the Potomac . . . Containing a brief review of the case of Gen. Fitz-John Porter, bound with Porter's letter to Gen. James McQuade and Members of the Association of the Fifth Army Corps. 1 pam., O. (A)

— Letter to Fifth Army Corps Association. [n. d.] *In* War Dept. Library.

— [Proceedings of a board of army officers in case of; correspondence.] Typewritten, 1 vol., Q. (A)

— The offer of Union command to Gen. A. S. Johnson. Century Mag., vol. 29, p. 634.

— The battle of Gaines's Mill and its preliminaries. Century Mag., vol. 30, p. 309.

— The last of the Seven Days' battles—Malvern Hill, July 1, 1862. Century Mag., vol. 30, p. 615.

Porter, Giles (U. S. M. A., 1818). Died May 31, 1878, aged 79. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1878. (A)

Porter, Horace (U. S. M. A., 1860). Engraving (by Atlantic Publishing and Engraving Company) owned by Assoc. Grads. U. S. M. A.

— Member of Board of Visitors to U. S. M. A. in 1882.

— West Point life [an anonymous poem read before the Dialectic Society, U. S. M. A., Mar. 5, 1850]. O., 16 pp. (A)

— Reminiscences of General Grant. Harper's New Monthly Mag., vol. 71 (1885), p. 587. (A)

— Oration commemorative of the late Gen. U. S. Grant at the Brooklyn Academy of Music, Sept. 29, 1885. O., pam. 1887. (A)

— Address Oct. 3, 1889, at the presentation of portraits of Grant, Sherman, and Sheridan to the U. S. M. A. Childs: Recollections of Grant, p. 79. (A)

— Do Americans hate England? *In* North Amer. Rev., vol. 150 (1896).

— Railway rates. *In* North Amer. Rev., vol. 153 (1891), p. 718.

— Campaigning with Grant. New York, 1897. xviii, 549 pp. *In* War Dept. Library.

— Railway passenger travel. Scribner's Mag., vol. 4, p. 206.

— Lincoln and Grant. Century Mag., vol. 39, p. 938.

Porter, James Ezekiel (U. S. M. A., 1869). Died June 25, 1876, aged 29. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1869. (A)

- Porter, Noah (of Connecticut). Member of Board of Visitors to U. S. M. A. in 1879.
- Post, James Clarence (U. S. M. A., 1865). Died Jan. 6, 1896, aged 52. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1896. (A)
- Notes on the Hoosac Tunnel. *Essayons Club Papers*, No. 35. 1874. (A)
- Project, plan, estimate, etc., for the improvement of Charleston Neck, S. C., ship canal across. Rept. Chief of Eng., 1881, p. 1167. (C)
- Big Sandy River, W. Va. and Ky. Rept. Chief of Eng., 1883, p. 1566; 1887, p. 1902. (C)
- Guyandotte River, W. Va. Rept. Chief of Eng., 1884, p. 1753; 1889, p. 1956; 1892, p. 2111. (C)
- Kankakee River, Ind. Rept. Chief of Eng., 1885, p. 1647. (C)
- Rough River, Ky. Rept. Chief of Eng., 1885, p. 1896. (C)
- Pond River, Ky. Rept. Chief of Eng., 1887, p. 1901. (C)
- Licking River, Ky. Rept. Chief of Eng., 1887, p. 1903. (C)
- bridges across the Kentucky River, Ky. Rept. Chief of Eng., 1888, pp. 2575, 2576. (C)
- bridge at Parkersburg, W. Va. Rept. Chief of Eng., 1888, p. 2577. (C)
- bridge of the Chesapeake and Ohio Railroad Company. Rept. Chief of Eng., 1888, p. 2578. (C)
- canal at the cascades of the Columbia River, Oreg. Rept. Chief of Eng., 1895, pp. 3572, 3579. (A)
- Clatskanie River, Oreg. Rept. Chief of Eng., 1895, p. 3596. (A)
- Tualatin River, Oreg. Rept. Chief of Eng., 1895, p. 3599. (A)
- Lewis River, Wash. Rept. Chief of Eng., 1895, p. 3600. (A)
- Yamhill River, Oreg. Rept. Chief of Eng., 1895, p. 3602. (A)
- Columbia River, Oreg. Rept. Chief of Eng., 1895, p. 3605. (A)
- Columbia River, Wash. Rept. Chief of Eng., 1896, p. 3264. (A)
- Photographs showing condition of work on lock at Louisa, Ky. Improvement of Big Sandy River. 10 sheets. June 18, 1885.
- Photographs showing condition of work at dam No. 4, and lock and dam No. 5. Improvement of Kentucky River. 11 sheets. 1885.
- See Boards—Comstock, 13, 14; Craighill, 2, 4, 8, 9, 11, 12; Gillespie, 1, 2, 3; Mendell, 4, 7; Stickney, 7. (A)
- Postlethwaite, William Morton. Died Jan. 10, 1896, aged 57. Portrait (oil painting by George B. Butler, 1895 or 1896). Presented by U. S. M. A. In room 202, academic building.
- Photograph in Albums of officers' mess.
- Chaplain and Professor of geography, history, and ethics, U. S. M. A., 1881-1896.
- Librarian U. S. M. A. from Sept. 7, 1882, to Jan. 22, 1885.
- Postley, Clarence Ashley (U. S. M. A., 1870). Photograph in Albums of officers' mess.
- Potter, Alouzo (of New York). Member of Board of Visitors to U. S. M. A. in 1842.
- Potter, Charles Lewis (U. S. M. A., 1886). Project, plan, estimate, etc., for the improvement of Suisun Creek, Cal. Rept. Chief of Eng., 1895, p. 3284. (A)
- Colorado River, Ariz. Rept. Chief of Eng., 1896, p. 3186. (A)
- Mississippi River. Rept. Chief of Eng., 1900, p. 4551. (A)
- Mississippi River, third district. Rept. Chief of Eng., 1901 (supp.), p. 266; 1902 (supp.), p. 108. (A)
- Ouachita and Black rivers. Rept. Chief of Eng., 1902, p. 1436. (A)
- See Boards—Benyard, 2; Stickney, 9. (A)
- Potter, Howard (of New York). Member of Board of Visitors to U. S. M. A. in 1883.
- Potter, J. B. M. (of Rhode Island). Member of Board of Visitors to U. S. M. A. in 1850.
- Potter, Joseph Haydn (U. S. M. A., 1843). Died Dec. 1, 1892, aged 70. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1893. (A)
- Povall, Francis B. Member of Board of Visitors to U. S. M. A. in 1833.
- Powell, A. H. Member of Board of Visitors to U. S. M. A. in 1827.
- Powell, Charles Francis (U. S. M. A., 1867). Systems of army administration, etc. *Essayons Club Papers*, No. 12, 1869. (A)
- Project, plan, estimate, etc., for the improvement of Chehalis River, Wash. Rept. Chief of Eng., 1882, pp. 2637, 2658. (C)
- Columbia River at The Dalles, Oreg. Rept. Chief of Eng., 1882, pp. 2697, 2699, 2711. (C)
- Youngs, Lewis and Clarke, and Skipanon rivers, Oreg. Rept. Chief of Eng., 1882, pp. 2715, 2716. (C)
- Snake River, Wash. Rept. Chief of Eng., 1882, pp. 2718, 2722. (C)
- Grays Harbor, Wash. Rept. Chief of Eng., 1882, p. 2723. (C)
- Bakers and Shoalwater bays, Wash. Rept. Chief of Eng., 1882, pp. 2725, 2727. (C)
- Clearwater River, Idaho. Rept. Chief of Eng., 1884, p. 2280. (C)
- Lewis River, Wash. Rept. Chief of Eng., 1884, p. 2293. (C)
- Humptulps River, Wash. Rept. Chief of Eng., 1884, p. 2295. (C)
- Dwamish River, Wash. Rept. Chief of Eng., 1884, p. 2297. (C)
- Nehalem Bay and River, Oreg. Rept. Chief of Eng., 1885, p. 2411; 1887, p. 2497. (C)
- Puyallup River, Wash. Rept. Chief of Eng., 1885, p. 2419. (C)
- Willapa River, Wash. Rept. Chief of Eng., 1885, p. 2422. (C)
- Yaquina Bay, Oreg. Rept. Chief of Eng., 1886, p. 2001; 1887, pp. 237, 2465. (C)
- Coquille River, Oreg. Rept. Chief of Eng., 1887, p. 2499. (C)

- Powell, Charles Francis** Project, plan, estimate, etc., for the improvement of Umpqua River, Oreg. Rept. Chief of Eng., 1887, p. 2500. (C)
- Tillamook Bay and Bar, Oreg. Rept. Chief of Eng., 1888, p. 2153. (C)
- Wood River, Oreg. Rept. Chief of Eng., 1888, p. 2177. (C)
- Link River, Oreg. Rept. Chief of Eng., 1888, p. 2179. (C)
- Bridges at Portland, Oreg. Rept. Chief of Eng., 1888, p. 2503. (C)
- Tongue River, Mont. Rept. Chief of Eng., 1891, p. 2230. (C)
- Yellowstone River, Dak. and Mont. Rept. Chief of Eng., 1891, p. 2241. (C)
- Missouri River, between Sioux City, Iowa, and Fort Benton, Mont. Rept. Chief of Eng., 1891, pp. 2246, 2249. (C)
- Missouri River, Mont. Rept. Chief of Eng., 1892, p. 1009. (C)
- James River, S. Dak. Rept. Chief of Eng., 1893, p. 2321. (A)
- Allegheny River. Rept. Chief of Eng., 1898, p. 2212; 1899, 2411. (A)
- Allegheny River, locks and dams. Rept. Chief of Eng., 1900, p. 3257. (A)
- Youghiogheny River. Rept. Chief of Eng., 1900, p. 3283. (A)
- Monongahela River harbor lines. Rept. Chief of Eng., 1902, p. 1913. (A)
- Photographs of sites and structures pertaining to the construction of the canal around the Cascades of the Columbia River, Oreg. 9 sheets. December, 1883, and February, 1884.
- See Boards—Adams, 1; Stewart, 5, 6. (A)
- Powers, Clinton Jacob** (U. S. M. A., 1865). Died Apr. 21, 1872, aged 28. Obituary in Ann. Assoc. Grads. U. S. M. A., 1872. (A)
- Pratt, Henry Clay** (U. S. M. A., 1837). Died Feb. 14, 1884, aged 70. Obituary in Ann. Assoc. Grads. U. S. M. A., 1884. (A)
- Topography, sec. 1. U. S. Coast Survey Rept., 1845, p. 10. (A)
- Office duty, p. 34; relieved, p. 35. U. S. Coast Survey Rept., 1846. (A)
- Pratt, John Taylor** (U. S. M. A., 1818). Died Nov. 29, 1883, aged about 87. Obituary in Ann. Assoc. Grads. U. S. M. A., 1885. (A)
- Pratt, Sedgwick**. (U. S. M. A., 1867). The Pratt range finder. Jour. Mil. Serv. Inst. U. S., vol. 2, p. 333. (A)
- Target practice at fixed target, etc. Jour. Mil. Serv. Inst. U. S., vol. 4, p. 65. (A)
- Service of the 10-inch disappearing guns at Fort Point, Cal., during the war with Spain. Jour. U. S. Art., vol. 12, p. 1.
- Extract from the proceedings of the board of officers convened at Fort Wadsworth, N. Y. Jour. U. S. Art., vol. 17, p. 288.
- Preutiss, Henry Epaminondas** (U. S. M. A., 1831). Died July 2, 1873, aged 64. Obituary in Ann. Assoc. Grads. U. S. M. A., 1874. (A)
- Prescott, Jonathan** (U. S. M. A., 1821). Died Aug. 12, 1837, aged 37. Project, plan, estimate, etc., for the improvement of Nantucket Harbor, Mass. Rept. Chief of Eng., 1875, vol. 2, p. 376. (C)
- Prescott, William** (of New Hampshire). Member of Board of Visitors to U. S. M. A. in 1848.
- Preston, Francis** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1832.
- Preston, Col. Thomas L.** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1880.
- Prevost, Andrew M.** Member of Board of Visitors to U. S. M. A. in 1827.
- Price, Philip M.** (U. S. M. A., 1809). Died Oct. 4, 1894, aged 46. Photograph in Albums of officers' mess. (A)
- Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1895. (A)
- Instructor of practical engineering, U. S. M. A., 1886-1889.
- New York and Long Island Coignet Stone Co. Essayons Club Papers, No. 33, 1874. (A)
- Project, plan, estimate, etc., for the improvement of Bayou La Grange, Fla. Rept. Chief of Eng., 1880, p. 1375. (C)
- Pensacola Harbor, Fla. Rept. Chief of Eng., 1889, p. 1406. (C)
- St. Andrews Bay, Fla. Rept. Chief of Eng., 1889, p. 1415. (C)
- Flint River, Ga. Rept. Chief of Eng., 1889, p. 1421. (C)
- Choctawhatchee River Fla. and Ala. Rept. Chief of Eng., 1889, p. 1424. (C)
- Coosa River, Ga. and Ala. Rept. Chief of Eng., 1890, pp. 1670, 1672, 1677, 1680. (C)
- Alabama River, Ala. Rept. Chief of Eng., 1891, pp. 1740, 1765. (C)
- See West Point, maps, 1886-87 and 1888.
- See Boards—Price. (A)
- Price, Robert Newton** (U. S. M. A., 1870). Died Apr. 5, 1889, aged 42. Obituary in Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Prime, Frederick Edward** (U. S. M. A., 1850). Died Aug. 12, 1900, aged 72. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Prince, Henry** (U. S. M. A., 1835). Died Aug. 19, 1892, aged 81. Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Reconnaissance, secs. 1, 3, and 4. U. S. Coast Survey Repts., 1844, 1845, 1846, 1851, 1852, 1853, 1854, 1855. (A)
- Eppling Plains base. U. S. Coast Survey Rept., 1857, p. 302. (A)
- Prince, Leonard Morton** (U. S. M. A., 1892). Died Nov. 1, 1895, aged 28. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Printup, Daniel S.** (of Georgia). Member of Board of Visitors to U. S. M. A. in 1859.
- Procter, Robert Grider** (U. S. M. A., 1886). Died May 10, 1894, aged 32. Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Proctor, Redfield** (of Vermont). Member of Board of Visitors to U. S. M. A. in 1894.
- Pugh, James L.** (of Alabama). Member of Board of Visitors to U. S. M. A. in 1882 and in 1891.
- Purviance, James** (of Mississippi). Member of Board of Visitors to U. S. M. A. in 1853.

- Putnam, George Israel (U. S. M. A., 1885). In "blue uniform: An army novel. 1 vol., O. 1893. (A)
- On the offensive: An army story . . . New York, 1894. 1 vol., O. (A)
- Since 1895 publisher of *The Advocate*, at Claremont, N. H.
- Author of short stories for Scribner's, Harpers, Century, etc.
- Pyle, George Washington (U. S. M. A., 1868). Died Dec. 20, 1868, aged —. Christian soldier, The. Memorials of Lieut. George W. Pyle. 1 pam. O. (A)
- Quarles, Joseph V. (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1902.
- Quattlebaum, Paul Jones (U. S. M. A., 1857). Died Jan. 4, 1883, aged 46. Obituary in Ann. Assoc. Grads. U. S. M. A., 1883. (A)
- Project, plan, estimate, etc., for the improvement of Apalachicola River and Bay. Rept. Chief of Eng., 1879, p. 824. (C)
- Quinan, William Russell (U. S. M. A., 1870). Report on Vigorit powder. 1 v., O., p. 22. 1881.
- Explosives. In Chicago Exposition, 1893, Int. Cong. Eng., Oper. Div. Mil. Eng., 1894, p. 427.
- Quinby, Isaac Ferdinand (U. S. M. A., 1843). Died Sept. 18, 1891, aged 71. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1892. (A)
- Member of Board of Visitors to U. S. M. A. in 1871.
- Quinn, James Baird (U. S. M. A., 1866). Project, plan, estimate, etc., for the improvement of Green Bay Harbor, Wis. Rept. Chief of Eng., 1866, vol. 4, pp. 35, 135. (C)
- Pascagoula River and Harbor, Miss. Rept. Chief of Eng., 1874, vol. 1, p. 757. (C)
- Galveston Bay ship channel, Tex. Rept. Chief of Eng., 1875, vol. 1, p. 575. (C)
- Agate Bay, Minn. Rept. Chief of Eng., 1887, p. 1951; 1888, p. 1812; 1889, p. 1998; 1890, p. 311. (C)
- Grand Marais Harbor, Minn. Rept. Chief of Eng., 1887, p. 1954. (C)
- Duluth Harbor, Minn. Rept. Chief of Eng., 1888, pp. 1805, 1807; 1890, p. 2316. (C)
- Ontonagon Harbor, Mich. Rept. Chief of Eng., 1889, p. 2018. (C)
- Marquette Harbor, Mich. Rept. Chief of Eng., 1890, p. 2301. (C)
- Minnesota Point, Superior Bay, Minn. Rept. Chief of Eng., 1890, p. 2308; 1891, p. 2499. (C)
- Mermentau River, La. Rept. Chief of Eng., 1891, p. 1863. (C)
- Sabine River, La. and Tex. Rept. Chief of Eng., 1892, p. 1514. (C)
- Homochitto River, Miss. Rept. Chief of Eng., 1893, p. 1839; 1897, p. 1777. (A)
- harbor of refuge on Lake Pontchartraine, La. Rept. Chief of Eng., 1893, p. 1842. (A)
- Bayous Black and Terrebonne, La. Rept. Chief of Eng., 1893, p. 1845. (A)
- Sabine River, La. Rept. Chief of Eng., 1893, p. 1848. (A)
- Quinn, James Baird Project, plan, estimate, etc., for the improvement of channel through Sabine Lake, Tex. Rept. Chief of Eng., 1893, p. 1851; 1895, p. 1790. (A)
- mouth of Neches River, Tex., to Shooks Bluff. Rept. Chief of Eng., 1893, p. 1853. (A)
- Bayou Bonfuca, St. Tammany Parish, La. Rept. Chief of Eng., 1895, p. 1783. (A)
- Chefuncte River and Bogue Falia, La. Rept. Chief of Eng., 1895, p. 1785. (A)
- Tickfaw River and tributaries, La. Rept. Chief of Eng., 1895, p. 1787. (A)
- Bayou Teche, La. Rept. Chief of Eng., 1895, p. 1789; 1897, p. 1784. (A)
- South Pass, Mississippi River. Rept. Chief of Eng., 1897, p. 1748; 1899, p. 1815. (A)
- Atchafalaya Bay, La. Rept. Chief of Eng., 1897, p. 1779. (A)
- Bayou Grossette, La. Rept. Chief of Eng., 1897, p. 1781. (A)
- Sabine Lake, Tex. Rept. Chief of Eng., 1897, p. 1789. (A)
- Sabine Pass, Tex. Rept. Chief of Eng., 1899, p. 1862. (A)
- Atchafalaya Bay, La. Rept. Chief of Eng., 1900, p. 2282. (A)
- Norfolk Harbor, Va. Rept. Chief of Eng., 1901, pp. 1463, 1466. (A)
- Appomattox River, Va. Rept. Chief of Eng., 1901, pp. 1468, 1471. (A)
- Pagan River, Va. Rept. Chief of Eng., 1901, pp. 1475, 1477. (A)
- Chesconnessex Creek, Va. Rept. Chief of Eng., 1901, pp. 1479, 1481. (A)
- Waterway from South Mills, N. C., to and including Ocracoke and Beaufort inlets. Rept. Chief of Eng., 1901, pp. 1513, 1523. (A)
- Jetties for harbors and rivers. Essayons Club Papers, No. 36, 1874. (A)
- Applications of photography in war. Q., pp. [8]. [Willets Point, New York Harbor], 1881. [Essayons Club Papers, No. 49.]
- Submarine mining, improvements. Rept. Chief of Eng., 1899, p. 947. (A)
- History of attempted improvements at the mouth of the Mississippi River. Rept. Chief of Eng., 1899, p. 1914. (A)
- See Boards—Quinn; Benyaurd, 4; Comstock, 19; Craighill, 20; Davis, 1; Poe, 14; Robert, 21. (A)
- Quintard, Right Rev. Charles T. (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1877.
- Rafferty, William Augustus (U. S. M. A., 1865). Died Sept. 13, 1902, aged 59. Photograph in Albums of officers' mess.
- Deviation index, a mechanical indicator etc. Washington, 1897. 1 vol., O., 3 pp. (A)
- Rafferty, William Carroll (U. S. M. A., 1880). System of fire control for seacoast artillery. Jour. Mil. Serv. Inst. U. S., vol. 21, p. 76. (A)
- translator. Relative efficiency of infantry and artillery fire. Jour. Mil. Serv. Inst. U. S., vol. 21, p. 545; vol. 22, p. 149.

- Rains, Gabriel Jones** (U. S. M. A., 1827). Died Aug. 6, 1881, aged 78. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1882. (A)
- Rains, George Washington** (U. S. M. A., 1842). Died Mar. 21, 1898, aged 81. Photograph *in* Albums of officers' mess.
- Obituary and portrait *in Ann. Assoc. Grads. U. S. M. A.*, 1898. (A)
- Author of several scientific papers on electricity, geology, etc., 1845-1848.
- Rudimentary course of analytical and applied chemistry.
- Steam portable engines.
- Chemical qualitative analysis.
- Raina, Sevier McClellan** (U. S. M. A., 1876). Died July 3, 1877, aged 26. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1878. (A)
- Ralston, Joseph N.** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1866.
- Ramsay, George Douglas** (U. S. M. A., 1820). Died May 23, 1882, aged 80. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1882; *Harper's New Monthly Mag.*, vol. 65 (1882), p. 479. (A)
- Recollections of cadet life, 1814-1820. *In* Cullum's Biog. Reg., vol. 3, pp. 612-632. (A)
- Reports as Chief of Ordnance, U. S. Army, 1863-64.
- Ramsay, George Douglas** (U. S. M. A., 1863). Died July 5, 1878, aged 36. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1879. (A)
- Ramseur, Stephen Dodson** (U. S. M. A., 1860). Died Oct. 20, 1864, aged 27. Engraving owned by Assoc. Grads. U. S. M. A.
- Address on the life and character of (by Hon. William R. Cox). Raleigh, N. C., 1891, 54 pp. *In* War Dept. Library.
- Ramsey, Alexander** (of Minnesota). Member of Board of Visitors to U. S. M. A. in 1872.
- Ramsey, J. S. M.** (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1848.
- Rand, Lewis Hathaway** (U. S. M. A., 1809). Project, plan, estimate, etc., for the improvement of Ocklockonnee River, Fla. Rept. Chief of Eng., 1900, p. 2148. (A)
- Carrabelle Harbor, Fla. Rept. Chief of Eng., 1900, p. 2155. (A)
- Randall, Henry S.** (of New York). Member of Board of Visitors to U. S. M. A. in 1863.
- Randall, Thomas** (of Florida). Member of Board of Visitors to U. S. M. A. in 1851.
- Randol, Alanson Merwin** (U. S. M. A., 1860). Died May 7, 1887, aged 50. Photograph *in* Albums of officers' mess.
- Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1887. (A)
- Randolph, Benjamin Harrison** (U. S. M. A., 1870). Photograph *in* Albums of officers' mess.
- Randolph, Theodore F.** (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1876.
- Ransom, Hyatt Clark** (U. S. M. A., 1851). Died Mar. 16, 1874, aged 51. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1874. (A)
- Ransom, M. W.** (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1875.
- Ransom, Owen P.** (U. S. M. A., 1838). Died Jan. 10, 1880, aged 62. Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1880. (A)
- Ranaom, Robert** (U. S. M. A., 1850). Died Jan. 14, 1892, aged 63. Photograph *in* Albums of officers' mess.
- Obituary *in Ann. Assoc. Grads. U. S. M. A.*, 1892. (A)
- Raymond, Charles Walker** (U. S. M. A., 1805). Photograph *in* Albums of officers' mess.
- Instructor of practical engineering, U. S. M. A., 1878-1881.
- Report of a reconnaissance of the Yukon River, Alaska Territory, July to Sept., 1869. Washington, 1871. O. Explorations and Surveys. (A)
- Yukon River, the, Alaska, from Fort Yukon to the sea, 1871. Topographical map. (A)
- Author of various mathematical papers on subjects connected with terrestrial magnetism, 1871-1878. (A)
- The theory of terrestrial magnetism. *Essays on Club Papers*, No. 20, 1872. (A)
- The practice of terrestrial magnetism. *Essays on Club Papers*, No. 24, 1872. (A)
- The national surveys. [*Galaxy*, January, 1876.] Misc. Pamphlets, vol. 8. (A)
- Notes on distribution of magnetism. *Essays on Club Papers*, No. 44, 1877. (A)
- Notes on magnetic determinations. *Essays on Club Papers*, No. 43, 1877. (A)
- Kriegsspiel. A paper read before the United States Military Service Institute at West Point N. Y., Feb. 17, 1881. 12^o, pp. 29. Fort Monroe, Va., 1881. (A)
- translator. Contributions to the theory of blasting, or military mining, by H. Höfer, ordinary professor at the Royal Imperial School of Mines at Pzibram. Pts. 1 and 2. O. Washington, 1881. Misc. Papers, vol. 2. (A)
- Höfer (H.). Contributions to the theory of blasting, or military mining. 1881. (A)
- Project, plan, estimate, etc., for the improvement of Hull, Mass. Rept. Chief of Eng., 1884, pp. 553, 557. (C)
- Sandy Bay (Rockport) Mass. Rept. Chief of Eng., 1884, pp. 567, 570; 1885, p. 229; 1886, pp. 67, 581, 582; 1887, pp. 44, 497, 498. (C)
- Gloucester Harbor, Mass. Rept. Chief of Eng., 1885, pp. 535, 541, 543; 1887, pp. 501, 502. (C)
- Salem Harbor, Mass. Rept. Chief of Eng., 1885, p. 537. (C)
- Plymouth Harbor, Mass. Rept. Chief of Eng., 1885, pp. 538, 539. (C)
- Boston Harbor, Mass. Rept. Chief of Eng., 1885, pp. 546, 548; 1887, p. 516. (C)
- Powow River, Mass. Rept. Chief of Eng., 1885, p. 551; 1886, p. 558; 1891, p. 630. (C)
- bridge of the Omaha and Council Bluffs Railroad and Bridge Company between Omaha and Council Bluffs. Rept. Chief of Eng., 1888, p. 2469. (C)
- bridge of the New York and New England Railroad Company at Boston, Mass. Rept. Chief of Eng., 1888, p. 2527. (C)
- bridge of the Old Colony Railroad Company at Boston, Mass. Rept. Chief of Eng., 1888, p. 2527. (C)

- Raymond, Höfer H.** Project, plan, estimate, etc., for the improvement of Delaware River. Rept. Chief of Eng., 1890, pp. 873, 874. (C)
- Delaware Bay, ice harbor at head of. Rept. Chief of Eng., 1890, p. 887; 1891, p. 1073; 1892, p. 931. (C)
- Delaware Breakwater, Del. Rept. Chief of Eng., 1891, p. 1083. (C)
- Shark River, N. J. Rept. Chief of Eng., 1891, p. 1092. (C)
- Barnegat and Great Egg Harbor bays, N. J. Rept. Chief of Eng., 1891, p. 1094. (C)
- Little Egg Harbor Bay and Inlet, including Great Bay, N. J. Rept. Chief of Eng., 1891, p. 1096. (C)
- thoroughfare between Cape May and Great Bay, N. J. Rept. Chief of Eng., 1891, p. 1098. (C)
- Pensauken Creek, N. J. Rept. Chief of Eng., 1891, p. 1100. (C)
- Cape May City, N. J. Rept. Chief of Eng., 1891, p. 1100. (C)
- Susquehanna River, Pa. Rept. Chief of Eng., 1891, p. 1113. (C)
- Toms River, N. J. Rept. Chief of Eng., 1891, pp. 1115, 1116. (C)
- Goshen Creek, N. J. Rept. Chief of Eng., 1891, p. 1118. (C)
- Schuylkill River, Pa. Rept. Chief of Eng., 1892, p. 920; 1898, p. 1115. (C)
- harbor lines, Philadelphia water front. Rept. Chief of Eng., 1893, pp. 1156, 1161. (A)
- Barnegat Inlet, entrance and harbor, N. J. Rept. Chief of Eng., 1893, p. 1185. (A)
- Dennis Creek, N. J. Rept. Chief of Eng., 1893, p. 1187; 1895, p. 1105. (A)
- Cooper Creek, N. J. Rept. Chief of Eng., 1893, p. 1190; 1895, p. 1102. (A)
- harbor between Philadelphia, Pa. and Camden, N. J. Rept. Chief of Eng., 1894, pp. 839, 843, 844; 1895, pp. 1042, 1046, 1051, 1053; 1896, p. 1330. (A)
- extension of dike at Fishers Point, Delaware River. Rept. Chief of Eng., 1895, p. 1036. (A)
- Delaware River, between Trenton and Burlington, N. J. Rept. Chief of Eng., 1895, p. 1080. (A)
- Rancocas River, N. J. Rept. Chief of Eng., 1895, p. 1084. (A)
- Lumberton branch of the Rancocas River, N. J. Rept. Chief of Eng., 1895, p. 1086. (A)
- Mantua Creek, N. J. Rept. Chief of Eng., 1895, p. 1089; 1898, p. 1122. (A)
- Salem River, N. J. Rept. Chief of Eng., 1895, p. 1091; 1897, p. 1246. (A)
- Abscon Inlet, N. J. Rept. Chief of Eng., 1895, p. 1094; 1898, p. 1126. (A)
- Buckshuten Creek, N. J. Rept. Chief of Eng., 1895, p. 1096. (A)
- Cold Spring Inlet, N. J. Rept. Chief of Eng., 1895, p. 1098. (A)
- Susquehanna River, Pa. Rept. Chief of Eng., 1895, p. 1100. (A)
- Raymond, Höfer H.** Project, plan, estimate, etc., for the improvement of Blackbird and Appoquinimink creeks. Rept. Chief of Eng., 1896, p. 889. (A)
- Hog Neck Channel, Delaware River, Rept. Chief of Eng., 1896, p. 905. (A)
- Barnegat Bay, N. J. Rept. Chief of Eng., 1897, p. 1229. (A)
- Tuckerton Creek, N. J. Rept. Chief of Eng., 1897, p. 1230; 1900, pp. 1612, 1614. (A)
- Wading River, N. J. Rept. Chief of Eng., 1897, p. 1233. (A)
- Beach Thoroughfare, N. J. Rept. Chief of Eng., 1897, p. 1236; 1901, pp. 1353, 1355. (A)
- Oldmans Creek, N. J. Rept. Chief of Eng., 1897, p. 1238; 1900, pp. 1598, 1602. (A)
- Dividing Creek, N. J. Rept. Chief of Eng., 1897, p. 1243. (A)
- Delaware River. Rept. Chief of Eng., 1898, p. 1106. (A)
- Delaware Breakwater, Del. Rept. Chief of Eng., 1899, p. 1346. (A)
- Raccoon Creek, N. J. Rept. Chief of Eng., 1900, pp. 1599, 1596. (A)
- Maurice River, N. J. Rept. Chief of Eng., 1900, pp. 1605, 1610. (A)
- Surmounting of great ascents. Paper prepared for and read at the 1902 International Congress on Navigation, Dusseldorf, Germany, 1902.
- and Abbot, Henry Larcom (U. S. M. A., 1854). Observations at the recent transit of Venus on Dec. 6, 1882, made at Willets Point Field Observatory. Q. Willets Point, New York Harbor [n. d.]. [Eng. School of Application, Paper No. 5.] (A)
- See Boards—Raymond; Blunt, 1; Craighill, 16, 17, 18, 23, 24; Gillespie, 4; Hains, 3, 4, 8; Houston, 16; Lydecker, 2; Mansfield, 3; Robert, 4, 5, 6, 7, 8, 9, 10, 11, 17, 18, 20.
- See Board of engineer officers. Report as to . . . suspension bridges.
- Rayner, K.** (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1853.
- Raynolds, William Franklin** (U. S. M. A., 1843). Died Oct. 18, 1894, aged 75. Obituary in Ann. Assoc. Grads. U. S. M. A., 1895. (A)
- Report on exploration of Yellowstone and Missouri rivers, 1859 and 1860. No. 1317, doc. 77. (C)
- Survey of Northern and Northwestern lakes (Great Lakes). In Ann. Rept. Sec. War, 1866, p. 456. No. 1285, doc. 1. (C)
- Project, plan, estimate, etc., for the improvement of Marquette Harbor, Mich. Rept. Chief of Eng., 1866, vol. 3, p. 8; 1866, vol. 4, pp. 79, 80, 81, 82; 1867, p. 67; 1876, vol. 2, pp. 339, 332; 1879, p. 1482; 1886, p. 291. (C)
- Lac La Belle Harbor, Mich. Rept. Chief of Eng., 1866, vol. 3, p. 9; 1866, vol. 4, pp. 85, 86; 1867, p. 259. (C)
- Superior City Harbor, Wis. Rept. Chief of Eng., 1866, vol. 3, p. 10; 1866, vol. 4, p. 89; 1867, pp. 252, 250; 1868, pp. 26, 81. (C)
- Au Sable River and Harbor, Mich. Rept. Chief of Eng., 1866, vol. 4, p. 77; 1867, p.

- 147; 1879, p. 1957. 1883, p. 1887. 1885, pp. 2113-2132. (C)
- Raynolds, William Franklin.** Project, plan, estimate, etc., for the improvement of Western rivers. Rept. Chief of Eng., 1871, pp. 58, 310, 352, 355; 1872, p. 349. (C)
- Mississippi River, between Falls of St. Anthony and Cairo. Rept. Chief of Eng., 1871, pp. 58, 312, 318, 320; 1872, pp. 51, 355, 391, 362, 367; 1873, pp. 443, 444, 449, 448, 469. 1875, vol. 1, pp. 65, 447; 1876, vol. 1, p. 645; 1877, p. 635. (C)
- Alton Harbor Ill. Rept. Chief of Eng., 1871, pp. 58, 318, 320; 1872, p. 355. (C)
- Ouachita River Ark. Rept. Chief of Eng., 1871, pp. 335, 337, 344. 1872, pp. 53, 54, 349, 348, 397, 370, 374; 1873, pp. 53, 55, 346, 367, 371, 484; 1874, vol. 1, p. 352; 1877, p. 479. (C)
- Osage River, Mo. Rept. Chief of Eng., 1871, p. 338; 1872, p. 443. (C)
- Missouri River—Little, Ark. Rept. Chief of Eng., 1871, pp. 346, 348. (C)
- White, Black, Little Red, and St. Francis rivers, Ark. Rept. Chief of Eng., 1871, pp. 356, 362, 363, 366, 374, 377; 1872, p. 378. (C)
- Current River, Mo. Rept. Chief of Eng., 1872, p. 398. (C)
- Report on the exploration of the Yellowstone and the country drained by that river. 1 vol., O. 1867. 40th Con., 1st sess., Senate Ex. Doc. No. 77. (A)
- Report on the exploration of the Yellowstone River, with geological report of the exploration of the Yellowstone and Missouri Rivers, 1859-1860. Washington, 1868-69. O. Explorations and Surveys. (A)
- See Boards—Raynolds; Cram, I, 2; Macomb, 2, 5, 6, 7, 8, 35; Newton, 2, 3, 4.
- Rea, John P. of Minnesota.** Member of Board of Visitors to U. S. M. A. in 1893.
- Read, Daniel (of Ohio).** Member of Board of Visitors to U. S. M. A. in 1840.
- Read, Daniel (of Wisconsin).** Member of Board of Visitors to U. S. M. A. in 1857.
- Read, George.** Member of Board of Visitors to U. S. M. A. in 1833.
- Read, George Windle (U. S. M. A., 1883).** Notes on the grooming machine. Jour. Cav. Assoc., 1890, p. 434. (A)
- Translator of Krusenstern's Organization of cavalry scouts. Jour. Cav. Assoc., 1892, p. 46. (A)
- Translator of Prepentsoff's Cavalry on the field of battle. Jour. Cav. Assoc., 1892, pp. 195, 250, 362; 1893, pp. 13, 144. (A)
- Training the army in field duties. [Prize essay.] Jour. Mil. Serv. Inst. U. S., vol. 12, p. 1. (A)
- Comment on Military specialists. Jour. Mil. Serv. Inst. U. S., vol. 14, p. 357. (A)
- Translator. See Barot (F.) and Legrand (M. A.): Hygiene of the soldier in the Tropics.
- Read, W. B. (of Kentucky).** Member of Board of Visitors to U. S. M. A. in 1856.
- Read, William (U. S. M. A., 1844).** Died Apr. 29, 1884, aged 61. Obituary in Ann. Assoc. Grads. U. S. M. A., 1884. (A)
- Reap, Frank Patrick (U. S. M. A., 1872).** Died May 30, 1894, aged 42. Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Reber, Samuel (U. S. M. A., 1880).** Theory of two and three phase motors. In Trans. of the Am. Inst. of Elec. Engrs., 1891.
- Manual of photography. Prepared under the supervision of Brig. Gen. A. W. Greely, Chief Signal Officer, for the use of the U. S. Army. Washington, 1896. 1 vol., O. Reprinted in 1898. (A)
- Handbook of telephones of the Signal Corps, U. S. Army. Sig. Corps Manual No. 1. Washington, 1903. 1 vol., O., pp. 69.
- Redfield, Alexander H. of Michigan.** Member of Board of Visitors to U. S. M. A. in 1848.
- Reed, Henry Albert (U. S. M. A., 1879).** Topographical drawing and sketching, including applications of photography F., 1886. (A)
- Photography applied to surveying. . . . New York, 1888. 1 vol., O. (A)
- Terrain in its relations to military operations. [Prize essay.] Jour. Mil. Serv. Inst. U. S., vol. 13, p. 1. (A)
- Artillery firing charts. Jour. Mil. Serv. Inst. U. S., vol. 20, p. 315. (A)
- Historical sketch of the fortifications of San Juan and the English attack in 1797. Jour. U. S. Art., vol. 16, p. 229.
- See West Point, maps, 1880.
- Reed, Hugh T. (U. S. M. A., 1873).**
- Upton's Infantry tactics abridged and revised. 1882.
- Dakota Indian charts. 1877.
- Dakota winter counts. 1880.
- Signal tactics. . . . Baltimore, 1880.
- Cadet regulations. . . . Richmond, Ind., 1881.
- Broom tactics, or calisthenics in a new form. . . . 1883.
- Standard infantry tactics. . . . As authorized by the War Department. 6th ed. Chicago, 1887. 1 vol., 24°. (A)
- Elements of Military Science and Tactics. Chicago, 1889, 1 v., O., 766 pp. (A)
- Infantry Drill Regulations, Chicago, 1891, 1 v., O.
- Cadet life at West Point. Chicago, 1896, 1 v., O. (A)
- Indian campaigning. 1899.
- Publisher, Chicago, since Jan. 1, 1887.
- The Mexican Military Academy. [Type-written MS.] [1902?] 7 pp. In U. S. M. A. Scrapbook "Foreign Military Schools."
- Elements of military science and tactics. . . . 7th ed. Chicago, n. d. 1 vol., O., pp. 700. (A)
- Author of several tactical works.
- Reed, Thomas B.** Member of Board of Visitors to U. S. M. A. in 1827.
- Rees, Thomas Henry (U. S. M. A., 1886).** The engineer battalion of the Fifth Army Corps. 1898. In Jour. Mil. Serv. Inst. U. S., vol. 24, p. 74. (A)
- Project, plan, estimate, etc., for the improvement of Crystal River, Fla. Rept. Chief of Eng., 1900, p. 2078. (A)
- Removing water hyacinth from Florida waters. Rept. Chief of Eng., 1901, p. 1746. (A)

- Reese, Charles M. (of Georgia). Member of Board of Visitors to U. S. M. A. in 1839.
- Reese, Chamcey B. (U. S. M. A., 1850). Died Sept. 22, 1870, aged 33. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1871. (A)
- Project, plan, estimate, etc., for the improvement of Plattsburg Harbor, N. Y. Rept. Chief of Eng., 1866, vol. 3, pp. 17, 20; 1866, vol. 4, p. 181; 1867, pp. 235, 249. (C)
- Burlington Harbor, Vt. Rept. Chief of Eng., 1866, vol. 4, p. 180; 1867, pp. 179, 234; 1868, p. 49; 1869, p. 42. (C)
- Ogdensburg Harbor, N. Y. Rept. Chief of Eng., 1866, vol. 4, pp. 182, 183, 184. (C)
- Mobile Harbor, Ala. Rept. Chief of Eng., 1871, p. 559; 1872, p. 574; 1877, p. 408. (C)
- Project, plan, estimate, etc., for the railway bridge across the Great Rigolets, La. Rept. Chief of Eng., 1870, p. 379. (C)
- and King, William Rice (U. S. M. A., 1863). Reports on experimental firing with modern seacoast artillery to determine the elements of the trajectory in both direct and ricochet firing, etc., with a supplement. O. Washington, 1868.
- Reese, William Isaac (U. S. M. A., 1869). Died June 20, 1872, aged 24. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1873. (A)
- Reeve, Horace Maynard (U. S. M. A., 1802). Photograph *in* Albums of officers' mess.
- MS copies of papers referring to the early history of the U. S. M. A., and to West Point in the Revolution, made from the originals in the Department of State, War Department, and Library of Congress, and deposited in the library, U. S. M. A., 1902. (A)
- Reeve, Isaac Van Duzer (U. S. M. A., 1835). Died Dec. 31, 1890, aged 77. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1891. (A)
- Reeves, Isaac Stockton Keith (U. S. M. A., 1838). Died Feb. 22, 1851, aged 32. Adjutant U. S. M. A. Oct. 31, 1840 to Sept. 28, 1850.
- Reeves, James Haynes (U. S. M. A., 1892). Cavalry raids. Jour. Cav. Assoc., 1897, p. 232. (A)
- The Hawaiian Islands. Jour. Cav. Assoc., 1898, p. 171. (A)
- Regan, John H. (of Texas). Member of Board of Visitors to U. S. M. A. in 1888.
- Reid, Gen. Hugh Thompson (of Iowa). Member of Board of Visitors to U. S. M. A. in 1872.
- Reilly, James William (U. S. M. A., 1863). Objections to present method of making purchases. Rept. Chief of Ord., 1889, p. 101; 1890, p. 116; 1891, p. 106. (C)
- Augusta Arsenal, work on artesian well at. Rept. Chief of Ord., 1889, p. 248. (C)
- Report of principal operations at Watertown Arsenal. Repts. Chief of Ord., 1892, p. 417; 1893, p. 373; 1894, 1895, 1896, 1897, 1898, 1899, 1900. (C)
- Work of alteration of old gun carriages, at Watertown Arsenal, p. 418; Manufacture of Belleville springs at Watertown Arsenal, p. 410; Manufacture of shop comparator at Watertown Arsenal, p. 419; Experiments of Lieut. B. W. Dunn, O. D., on compression of copper, at Watertown Arsenal, p. 420. Rept. Chief of Ord., 1892. (C)
- Reilly, James William. Improvements of Charles River at Watertown Arsenal recommended, p. 375; Car-coupler, use of testing machine at Watertown Arsenal to select, p. 376. Rept. Chief of Ord., 1893. (C)
- Description of barbette carriages for 10-inch rifle; Description of gun-lift carriage for 12-inch B. L. steel rifle. Rept. Chief of Ord., 1895. (C)
- Remington, Philip Halsey (U. S. M. A., 1861). Died Dec. 17, 1891, aged 53. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1892. (A)
- Renick, Robert M. (U. S. M. A., 1835). Died Jan. 10, 1875, aged 62. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1875. (A)
- Reno, Jesse Lee (U. S. M. A., 1846). Died Sept. 14, 1862, aged 39. Engraving (by J. C. Buttre). Owned by Assoc. Grads. U. S. M. A.
- Reno, Marcus Albert (U. S. M. A., 1857). Died Apr. 1, 1889, aged 57. Photograph *in* Albums of officers' mess.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Renwick, (James). Member of Board of Visitors to U. S. M. A. in 1819 and in 1820.
- Reynolds, Alexander Welch (U. S. M. A., 1838). Died May 26, 1876, aged 60. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1876. (A)
- Reynolds, Frank A. (U. S. M. A., 1861). Died July 19, 1875, aged 34. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Reynolds, John Fulton (U. S. M. A., 1841). Died July 1, 1893, aged 42. Portrait (oil painting by A. Lawrie) presented by First Corps, Army of the Potomac. In memorial hall, West Point.
- Engraving (by A. H. Ritchie). Owned by Assoc. Grads. U. S. M. A.
- Bronze equestrian statue. Gettysburg battlefield.
- Standing bronze statue. In cemetery, Gettysburg.
- Bronze standing statue. To be erected in Fairmount Park, Philadelphia, Pa.
- Bronze equestrian statue. City Hall, Philadelphia, Pa.
- Statue unveiled, Philadelphia, 1884. *In* War Dept. library.
- Bronze bust (by H. K. Bush Brown). Presented by Mrs. George Gildersleeve, Mrs. H. D. Landis, Miss Eleanor Reynolds, surviving sisters of General Reynolds. In memorial hall.
- Reynolds memorial addresses delivered before the Historical Society of Pennsylvania . . . Mar. 8, 1880. 1 vol., O. 1881. (A)
- Commandant of cadets, U. S. M. A., 1860-61.
- Rosengarten (J. G.). William Reynolds, rear-admiral . . . John Fulton Reynolds, major-general, U. S. Volunteers . . . 1 pam., O. 1880. (A)
- Reynolds, Johnson (of Virginia). Member of Board of Visitors to U. S. M. A., 1839.
- Reynolds, Joseph Jones (U. S. M. A., 1843). Died Feb. 25, 1899, aged 77. Engraving (by J. C. Buttre) owned by Assoc. Grads. U. S. M. A.

- Reynolds, Joseph Jones.** Photograph in Albums of officers' mess.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1899. (A)
- In memoriam. In *Twenty eighth reunion of the Army of the Cumberland*, Detroit, Mich., September, 1899. Cincinnati, 1900. (A)
- See *U. S. Coast Survey Rept.*, 1861, p. 269. (A)
- Reynolds, William Butler** (U. S. M. A., 1859). Intervention. 1 pam., O., 1868. See *Inf. and Cav. School, U. S.*, lecture 11
- Reynolds, William Floyd** (U. S. M. A., 1867). Died Nov. 22, 1877, aged 39.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1878. (A)
- Rhett, Edmund Moore** (U. S. M. A., 1900). Translator of *Impressions of a company commander (by Captain Potter)*. Washington, 1902. 1 vol., O.
- Rhett, Thomas Grimke** (U. S. M. A., 1845). Died July 28, 1878, aged 58. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1879. (A)
- Rhett, Thomas Smith** (U. S. M. A., 1848). Died Dec. 23, 1893, aged 67. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1895. (A)
- Rhodes, Charles Dudley** (U. S. M. A., 1889). Duties of cavalry in modern wars. *Jour. Cav. Assoc.*, 1893, p. 172. (A)
- The cavalry of the German Empire p. 125; Polo in the Army, p. 249. *Jour. Cav. Assoc.*, 1896. (A)
- History of the cavalry of the Army of the Potomac. [Prize essay.] *Jour. Cav. Assoc.*, 1898, p. 3. (A)
- Five-year enlistments for the cavalry. *Jour. Cav. Assoc.*, 1899, p. 329. (A)
- Reviews of Seton's *Elementary veterinary manual*, p. 203; Review of Wagner's *Cavalry studies from two great wars*, p. 398; Review of Von der Goltz's *Conduct of war*, p. 607. *Jour. Mil. Serv. Inst. U. S.*, vol. 19. (A)
- Review of Maude's *Cavalry versus Infantry*, and other essays. *Jour. Mil. Serv. Inst. U. S.*, vol. 20, p. 636. (A)
- Review of Hohenlohe's *Conversations on cavalry*. *Jour. Mil. Serv. Inst. U. S.*, vol. 21, p. 215. (A)
- Riblett, Jacob Rhoads** (U. S. M. A., 1872). Editor of a newspaper, Pekin, Ill., 1873-18—, and at Peoria, Ill. 18—.
- Publisher of a newspaper, Aarwood Springs, Rapid City, Kalkaska County, Mich.
- Rice, Olin F.** (U. S. M. A., 1861). Died Dec. 23, 1882, aged 43. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1894. (A)
- Richardson, Rev. Charles S.** (of New York). Member of Board of Visitors to U. S. M. A. in 1877.
- Richardson, Israel Bush** (U. S. M. A., 1841). Died Nov. 3, 1862, aged 47. Engraving (by J. C. Buttre). Owned by Assoc. Grads. U. S. M. A.
- Richardson, Wilds Preston** (U. S. M. A., 1884). Photograph in Albums of officers' mess.
- The Military Academy and the education of officers. In *Jour. Mil. Serv. Inst. U. S.*, vol. 17 (1895), p. 170. (A)
- Richardson, Wilds Preston** The Sioux campaign of 1890-91. *Jour. Mil. Serv. Inst. U. S.*, vol. 18, p. 72. (A)
- Reply to criticism on The Sioux campaign of 1890-91. *Jour. Mil. Serv. Inst. U. S.*, vol. 14, p. 391. (A)
- Comment on The Sioux campaign of 1890-91. *Jour. Mil. Serv. Inst. U. S.*, vol. 20, p. 435. (A)
- Riché, Charles Swift** (U. S. M. A., 1886). Project, plan, estimate, etc., for the improvement of Galveston Bay, Tex. Rept. Chief of Eng., 1898, p. 1813, 1901, pp. 1999, 1967. (A)
- Galveston Harbor to Texas City, Tex. Rept. Chief of Eng., 1899, p. 1692. (A)
- Turtle Bayou, Tex. Rept. Chief of Eng., 1900, p. 2342. (A)
- Trinity River, Tex. Rept. Chief of Eng., 1900, p. 2438; 1901, p. 1971. (A)
- East Bay Bayou, Tex. Rept. Chief of Eng., 1900, p. 2379. (A)
- Clear Creek, Tex. Rept. Chief of Eng., 1900, p. 2385. (A)
- Dickinson Bayou, Tex. Rept. Chief of Eng., 1900, p. 2369. (A)
- Chocolate Bayou, Tex. Rept. Chief of Eng., 1900, p. 2403. (A)
- Highland Bayou, Tex. Rept. Chief of Eng., 1900, p. 2410. (A)
- Bastrop Bayou, Tex. Rept. Chief of Eng., 1900, p. 2414. (A)
- Oyster Creek, Tex. Rept. Chief of Eng., 1900, p. 2418. (A)
- Brazos River, Tex. Rept. Chief of Eng., 1900, p. 2426; 1901, pp. 1975, 2004, 2011. (A)
- San Bernard River, Tex. Rept. Chief of Eng., 1900, p. 2438. (A)
- Caney Creek, Tex. Rept. Chief of Eng., 1900, p. 2453. (A)
- Colorado River, Tex. Rept. Chief of Eng., 1900, pp. 2458, 2461. (A)
- Alligator Head Harbor, Tex. Rept. Chief of Eng., 1900, p. 2492. (A)
- Brazos Santiago Harbor, Tex. Rept. Chief of Eng., 1900, p. 2499. (A)
- harbor lines Galveston Harbor, Tex. Rept. Chief of Eng., 1900, p. 2475. (A)
- inner harbor of Galveston, Tex. Rept. Chief of Eng., 1902, pp. 1303, 1395. (A)
- Dampness in magazine. Rept. Chief of Eng., 1899, p. 670. (A)
- See Boards—Roe, 17; Quinn, 1; Robert, 27, 32.
- Richmond, Ephraim Thomas Carroll** (U. S. M. A., 1897). Comment on Chester's Instruction of gunners. *Jour. U. S. Art.*, vol. 1, p. 196.
- The gyroscope and "drift," p. 54; Comment on The gyroscope and drift, p. 797; Comment on The theory of drift, p. 803. *Jour. Mil. Serv. Inst. U. S.*, vol. 12, p. 803. (A)
- Comment on Whistler's Graphic tables of fire. *Jour. Mil. Serv. Inst. U. S.*, vol. 14, p. 346. (A)
- Ricketts, James Brewerton** (U. S. M. A., 1839). Died Sept. 22, 1887, aged 70. Portrait (oil painting by R. Hinckley) presented by Benjamin

- W. Richards, Philadelphia. In memorial hall, West Point.
- Ricketts, James Brewerton.** Engraving (by J. C. Buttre) owned by Assoc. Grads. U. S. M. A. — Obituary in Ann. Assoc. Grads. U. S. M. A., 1888; Harper's New Monthly Mag., vol. 76 (1888), p. 322. (A)
- Report to Joint Committee on Conduct of the War. In supplemental report of joint committee, vol. 2. —. (C)
- Ridfield, Isaac F.** (of Vermont). Member of Board of Visitors to U. S. M. A. in 1840.
- Riggs, Joel** (U. S. M. A., 1833). Died Nov. 13, 1865, aged 53. Editor Montgomery, Ala., Mail, 1856-1858.
- Ringgold, George Hay** (U. S. M. A., 1833). Fountain Rock, Amy Wier, and other metrical pastimes. 1860.
- Ripley, James Wolfe** (U. S. M. A., 1814). Died Mar. 15, 1870, aged 76. Reports as Chief of Ordnance, U. S. Army, 1861-1863.
- Proceedings of court of inquiry in case of. No. 476, doc. 344. (C)
- Ripley, Roswell Sabin** (U. S. M. A., 1843). Died Mar. 26, 1887, aged 64. Obituary in Ann. Assoc. Grads. U. S. M. A., 1887. (A)
- Triangulation, sec. 3. U. S. Coast Survey Rept., 1846, p. 20. (A)
- The war with Mexico . . . 2 vols., O. 1849.
- The war with Mexico. So. Quar. Rev., January, 1853. (A)
- Riter, G. W.** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1828.
- Ritner, Joseph.** Member of Board of Visitors to U. S. M. A. in 1827
- Rivers, William Cannon** (U. S. M. A., 1887). Adjutant U. S. M. A., Aug. 14, 1899, to July 25, 1903.
- Secretary of the Association of Graduates, U. S. M. A., and editor of its Annuals, 1900-1902.
- Instruction for recruits, First U. S. Cavalry, n. p., 1899. 1 vol., O., 15 pp. (A)
- Lists of graduates U. S. M. A. in civil life, on the retired list, of those who have become general officers U. S. Army, etc., in Bull. Assoc. Grads. U. S. M. A., Nos. 1 and 2 (1900-1902). (A)
- Regulations for the army transport service.
- Robbins, Christopher E.** (of Rhode Island). Member of Board of Visitors to U. S. M. A. in 1829.
- Robert, Henry Martyn** (U. S. M. A., 1857). Treasurer U. S. M. A., Aug. 31, 1865, to Aug. 31, 1867.
- Instructor of practical engineering, U. S. M. A., 1865-1867.
- Index to the reports of the Chief of Engineers, U. S. Army, 1866-1887.
- Project, plan, estimate, etc., for the improvement of Willamette and Columbia rivers. Rept. Chief of Eng., 1871, p. 900; 1874, vol. 2, pp. 352, 363. (C)
- Columbia (upper) and Snake rivers. Rept. Chief of Eng., 1872, p. 996; 1873, p. 1121. (C)
- Pacific coast harbor of refuge. Rept. Chief of Eng., 1873, pp. 1127, 1129. (C)
- Robert, Henry Martyn.** Project, plan, estimate, etc., for the improvement of Port Orford, Oreg. Rept. Chief of Eng., 1873, pp. 1127-1129. (C)
- Marquette Harbor, Mich. Rept. Chief of Eng., 1875, vol. 1, p. 189; 1876, vol. 2, p. 330; 1878, p. 1140; 1879, p. 1142; 1886, p. 282. (C)
- Eagle Harbor, Mich. Rept. Chief of Eng., 1876, vol. 2, p. 328; 1877, pp. 98, 845, 848, 849; 1878, p. 1139. (C)
- Green Bay Harbor, Wis. Rept. Chief of Eng., 1876, vol. 2, p. 338; 1879, p. 152; 1881, p. 2070. (C)
- Ahnapee Harbor, Wis. Rept. Chief of Eng., 1876, vol. 2, pp. 346, 352, 356, 359; 1879, p. 1509. (C)
- Two Rivers Harbor, Wis. Rept. Chief of Eng., 1877, p. 860; 1878, p. 1156; 1879, pp. 154, 1512, 1513, 1514. (C)
- Manitowoc Harbor, Wis. Rept. Chief of Eng., 1879, p. 1516. (C)
- Sturgeon Bay Canal, Wis. Rept. Chief of Eng., 1880, pp. 1907, 1908; 1883, p. 279. (C)
- Portage Lake and Lake Superior Ship Canal, Mich. Rept. Chief of Eng., 1880, pp. 1927, 1928. (C)
- Bayfield Harbor, Wis. Rept. Chief of Eng., 1880, p. 1929. (C)
- Manistique Harbor, Mich. Rept. Chief of Eng., 1880, p. 1932. (C)
- Oconto Harbor, Wis. Rept. Chief of Eng., 1881, p. 2007; 1883, p. 1046; 1887, p. 2007. (C)
- Grand Marais, Mich., harbor of refuge at. Rept. Chief of Eng., 1881, pp. 2045, 2046, 2047, 2048. (C)
- Kewaunee Harbor, Wis. Rept. Chief of Eng., 1881, pp. 2083, 2084; 1891, p. 2541; 1892, p. 2187. (C)
- Cedar River Harbor, Mich. Rept. Chief of Eng., 1882, pp. 2121, 2124; 1885, p. 1976; 1892, p. 2172. (C)
- Pensaukee Harbor, Wis. Rept. Chief of Eng., 1882, p. 2132; 1883, p. 1650. (C)
- Rouses Point Harbor, N. Y. Rept. Chief of Eng., 1884, p. 2175; 1885, p. 2299. (C)
- Delaware Bay, ice harbor at head of. Rept. Chief of Eng., 1885, p. 841; 1886, p. 830; 1887, p. 804. (C)
- Salmon River, N. Y., below Fort Covington, N. Y. Rept. Chief of Eng., 1885, pp. 2288, 2290. (C)
- Lake Champlain, N. Y. and Vt. Rept. Chief of Eng., 1885, pp. 2312, 2313, 2315, 2318; 1891, p. 2937; 1892, p. 2614. (C)
- Plattsburgh Harbor, N. Y. Rept. Chief of Eng., 1885, p. 2319. (C)
- Swanton Harbor, Vt. Rept. Chief of Eng., 1885, p. 2324. (C)
- Delaware River. Rept. Chief of Eng., 1886, pp. 806, 826; 1887, pp. 793, 794; 1890, pp. 869, 871, 882. (C)
- Lewes, Del. Rept. Chief of Eng., 1886, p. 838; 1887, p. 805; 1890, p. 888. (C)
- channel back of Brigantine Beach, N. J., between Absecon and Brigantine inlets. Rept. Chief of Eng., 1887, p. 821. (C)

- Robert, Henry Martyn.** Project, plan, estimate, etc., for the improvement of Darby Creek, Pa. Rept. Chief of Eng., 1887, p. 823. (C)
- Frankford Creek, Pa. Rept. Chief of Eng., 1888, pp. 698, 699. (C)
- thoroughfare between Cape May and Great Bay, N. J. Rept. Chief of Eng., 1888, p. 731. (C)
- Marcus Hook Harbor, Pa. Rept. Chief of Eng., 1889, p. 867. (C)
- Mantua Creek, N. J. Rept. Chief of Eng., 1889, p. 874. (C)
- Delaware Breakwater, Del. Rept. Chief of Eng., 1890, p. 893. (C)
- Tennessee River from Chattanooga to the junction of Holston and French Broad rivers, Tenn. Rept. Chief of Eng., 1893, p. 2333. (A)
- Duck River, Tenn. Rept. Chief of Eng., 1893, p. 2406. (A)
- Sequatchie River, Tenn. Rept. Chief of Eng., 1893, p. 2408. (A)
- Hiwassee River, Tenn., from its confluence with the Tennessee River to the mouth of the Ocoee River. Rept. Chief of Eng., 1893, p. 2412. (A)
- Emory River, Tenn. Rept. Chief of Eng., 1893, p. 2414. (A)
- harbor lines in Greenport Harbor, N. Y. Rept. Chief of Eng., 1894, p. 717. (A)
- harbor lines in Patchogue River, N. Y. Rept. Chief of Eng., 1894, p. 719. (A)
- Glen Cove Harbor, N. Y. Rept. Chief of Eng., 1895, p. 840. (A)
- harbor of West Haven, Conn., and West River from the steam-railroad crossing to main channel of New Haven Harbor. Rept. Chief of Eng., 1895, p. 853. (A)
- Black Rock Harbor, Conn. Rept. Chief of Eng., 1895, p. 857. (A)
- Hempstead Harbor, N. Y. Rept. Chief of Eng., 1895, p. 878. (A)
- Cos Cob Harbor and Mianus River, Conn. Rept. Chief of Eng., 1895, p. 881. (A)
- harbor lines at New Haven, Conn. Rept. Chief of Eng., 1895, pp. 883, 890. (A)
- Westport Harbor, Conn. Rept. Chief of Eng., 1896, p. 866. (A)
- Galveston Harbor, Tex., harbor lines. Rept. Chief of Eng., 1898, p. 1572. (A)
- Brazos River, Tex. Rept. Chief of Eng., 1900, p. 2431. (A)
- Yonghioghney River. Rept. Chief of Eng., 1900, p. 3294. (A)
- Pocket manual of rules of order: A compendium of parliamentary law. 1876.
- The water jet as an aid to engineer construction. 1881.
- See Boards—Robert; Abbot, 20, 22; Alexander, 2; Casey, 14, 15; Comstock, 5, 6, 12, 15; Craighill, 10, 23; Houston, 4, 5, 6, 8, 10, 11, 12.
- Roberts, Benjamin Stone** (U. S. M. A., 1835). Died Jan. 29, 1875, aged 64. Engraving (by J. C. Buttrey) owned by Assoc. Grads. U. S. M. A.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1875. (A)

- Roberts, Benjamin Stone.** Project, plan estimate, etc., for the improvement of Mississippi River, between Cairo and mouth. Rept. Chief of Eng., 1868, p. 408; 1869, pp. 51, 312, 329, 323; 1874, vol. 1, p. 352. (C)
- Mississippi River levees. Rept. Chief of Eng., 1875, vol. 1, pp. 549, 564, 670. (C)
- Breech-loading musket and carbine. No. 1648, doc. 152. (C)
- Memorial relative to reorganization of militia of United States, 1860. No. 1031, doc. 28. (C)
- Plan for reclaiming swamp and waste lands of basin of lower Mississippi River. No. 1237, doc. 22. (C)
- Roberts, Joseph** (U. S. M. A., 1835). Died Oct. 18, 1898, aged 84. Engraving owned by Assoc. Grads. U. S. M. A.
- Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- The hand-book of artillery for the service of the United States . . . New York, 1860. 1 vol., O. (A)
- 10th ed. . . enl. New York, 1875. 1 vol., O. (A)
- Letters written in Europe during the summer of 1890 to Dr. David Roberts, of Philadelphia. O., pam. Philadelphia. (A)
- Roberts, Samuel A.** (of Texas). Member of Board of Visitors to U. S. M. A. in 1850.
- Robertson, Edgar Brooks** (U. S. M. A., 1874). History of the Ninth Regiment of Infantry. Hist. U. S. Army, pp. 526-530. (A)
- Robertson, S. M.** (of Louisiana). Member of Board of Visitors to U. S. M. A. in 1889.
- Robertson, Samuel Churchill** (U. S. M. A., 1879). Died Aug. 31, 1893, aged 36. Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Author of many papers on professional subjects, 1883-1893.
- Proposed revision of school of the soldier mounted. Jour. Cav. Assoc., 1888, p. 212. (A)
- Comment on Wainwright's Riding school. Jour. Cav. Assoc., 1890, p. 137. (A)
- Remount question in the U. S. Cavalry. Jour. Mil. Serv. Inst. U. S., vol. 8, p. 111. (A)
- The cavalryman and his horse. Ord. Note 297 vol. 10. (A)
- Robertson, William** (U. S. M. A., 1840). Died Feb. 17, 1890, aged 71. Obituary in Ann. Assoc. Grads. U. S. M. A., 1890. (A)
- Robins, Ernest Smith** (U. S. M. A., 1884). Died Aug. 18, 1894, aged 32. Obituary in Ann. Assoc. Grads. U. S. M. A., 1895. (A)
- Robinson, James Watts** (U. S. M. A., 1852). Editor and publisher Shoe and Leather Advertiser. 1872-73.
- Author of various papers on interest, average, and exchange. 1878-1888.
- Robinsonian calendars for the Christian era, with equation and interest tables. 2d ed. Boston, 1877. 1 chart folded, O. (A)
- Robinsonian rapid reckoner . . . Boston, 1879. 1 pam., Q. (A)
- Pocket edition of Robinsonian interest simplified . . . Boston, 1880. 1 pam., O. (A)

- Robinson, James Watts.** Robinsonian cumulative discount remainders . . . Boston, 1880. 1 chart F. (14 x 5½ in.). (A)
- Robinsonian bond and investment tables . . . Boston, 1890. 1 vol., O. (A)
- Robinsonian multiplication and division tables . . . 1891. 1 vol., F.º (16 x 5½ in.). (A)
- Robinsonian interest on daily balances . . . Boston, 1892. 1 pam., O. (A)
- Robinsonian 6 per cent interest book. 2d ed. 1 vol., O. 1892. (A)
- Robinsonian building loan interest tables . . . Boston, 1893. 1 vol., O. (A)
- Robinsonian unique calculator . . . 1 vol., O. 1896. (A)
- Author of the Robinsonian series of mathematical reference books.
- Robinson, Wirt** (U. S. M. A., 1887). Notes on some albino birds . . . with some remarks on albinism. Proc. Nat. Mus., No. 733. Washington, 1888. 1 vol., O.
- The militia of the United States. Cambridge, 1894. 1 vol., O.
- A flying trip to the Tropics . . . in the year 1892. Cambridge, 1895. 1 vol., O., ill. (A)
- An annotated list of birds observed on Margarita Island and at Guanta and La Guayra, Venezuela. Proc. Nat. Mus., No. 1093. Washington, 1896. 1 vol., O. (A)
- The passage of streams by troops. Cambridge, 1897. 1 vol., O., 15 pp., ill. (A)
- An annotated list of birds collected in the vicinity of La Guayra, Venezuela. Proc. Nat. Mus., No. 1247. Washington, 1901. 1 vol., O. (A)
- A trip after *Papilio homerus*. Entomological News. January, 1903. (A)
- Notes on the circumstances of a moving projectile. Cambridge. 1 vol., O., 15 pp., ill.
- Translation of Alvarado's Impressions of the bombardment of Puerto Rico. Jour. U. S. Art., vol. 13, p. 131.
- Robison, William** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1835.
- Rockwell, Alfred P.** (of Connecticut). Member of Board of Visitors to U. S. M. A. in 1865.
- Rockwell, Charles Farnam** (U. S. M. A., 1863). Died Nov. 13, 1868, aged 27. Oil portrait in the possession of his widow.
- Photograph in Albums of officers' mess.
- Rockwell, Charles Henry** (U. S. M. A., 1869). Died Aug. 21, 1888, aged 41. Obituary in Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Quartermaster U. S. M. A. July 1, 1885, to June 30, 1887.
- Rockwell, James, jr.** (U. S. M. A., 1870). Assistant Instructor of Ordnance and Gunnery at U. S. M. A., 1878 to 1881.
- Report on the construction of the experimental Hitchcock wrought-iron 9-inch gun. Rept. Chief of Ordnance, 1876, pp. 195, 196, 200-203. (C)
- Member of board for testing Winchester repeating shotgun, model 1893. Rept. Chief of Ord., 1896.
- Rodgers, Rear Admiral C. R. P.** (of U. S. Navy). Member of Board of Visitors to U. S. M. A. in 1874 and in 1883.
- Rodgers, James.** Member of Board of Visitors to U. S. M. A. in 1833.
- Rodgers, John** (Admiral U. S. Navy). Member of Board of Visitors to U. S. M. A. in 1828.
- Rodgers, John B.** (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1862.
- Rodgers, John Isaac** (U. S. M. A., 1861). Photograph in Albums of officers' mess.
- Rodgers, J. Sumner** (of Michigan). Member of Board of Visitors to U. S. M. A. in 1890.
- Rodman, Thomas Jefferson** (U. S. M. A., 1841). Died June 7, 1871, aged 53. Portrait (oil painting by R. W. Weir, from photograph) presented by Chief of Ord., 1874. In cadet mess hall.
- Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1871; Harper's New Monthly Mag., vol. 43 (1871), p. 472. (A)
- Reports of experiments on the properties of metals for cannon, and the qualities of cannon powder, with an account of the fabrication and trial of a 15-inch gun . . . Boston, 1861. 1 vol., F. [Q.] (A)
- Bills of iron for the wrought-iron barrette and casemate seacoast carriages, models of 1861, 1862, and 1863. Washington, 1864. 1 vol., O., pp. 20. (A)
- Project, plan, estimate, etc., for Rock Island Bridge. Rept. Chief of Eng., 1870, pp. 257, 258. (C)
- Roe, Charles Francis** (U. S. M. A., 1868). Portrait in Mars and Neptune, vol. 1 (1868), p. 23. (A)
- Troop A, New York, in the Brooklyn riots. Jour. U. S. Cav. Assoc., 1895, p. 139. (A)
- Member of Board of Visitors to U. S. M. A. in 1902.
- Roe, William James** (U. S. M. A., 1867). Cervus (G. I.). [pseud.] White feathers. Philadelphia, 1885. 1 vol., O., pp. 313. (A)
- Genone (Hudor). [pseud.] Inquirendo Island. New York, 1886. 1 vol., O., pp. 347. (A)
- Genone (Hudor). [pseud.] Bellona's husband. Philadelphia, 1887. 1 vol., O., pp. 332. (A)
- Genone (Hudor). [pseud.] The last tenet imposed upon the Khan of Tomathoz. Chicago, 1892. 1 vol., O., pp. 161. (A)
- The new West Point. Pop. Sci. Monthly, November, 1903, pp. 32-40. (A)
- Genone (Hudor). [pseud.] A dikastery of one . . . a plea for the religion of science. Chicago [n. d.]. 1 vol., O., pp. 14. (A)
- Royal Americans.
- Scarlet gods, etc.
- Cut. A Story of West Point.
- "Author of articles scientific, philosophic, or purely literary, in magazines and the press generally, too numerous and over too many signatures to quote."
- Roessler, Solomon William** (U. S. M. A., 1877). Photograph in Albums of officers' mess.
- Project, plan, estimate, etc., for the improvement of harbor at Memphis, Tenn. Rept. Chief of Eng., 1893, p. 2133. (A)

- Roessler, Solomon William** Project, plan, estimate, etc. for the improvement of Wolf River, Tenn. Rept. Chief of Eng., 1893, p. 2139. (A)
- Mississippi River, first and second districts. Rept. Chief of Eng., 1893, p. 3713. (A)
- Union River, Me. Rept. Chief of Eng., 1898, p. 1029. (A)
- Cape Porpoise Harbor, Me. Rept. Chief of Eng., 1900, p. 1030. (A)
- Bucksport Harbor, Me. Rept. Chief of Eng., 1900, pp. 1104, 1107. (A)
- Kenduskeag River. Rept. Chief of Eng., 1900, p. 1108. (A)
- Camden Harbor, Me. Rept. Chief of Eng., 1900, pp. 1111, 1114. (A)
- Boothbay Harbor, Me. Rept. Chief of Eng., 1900, pp. 1117, 1120. (A)
- Parkers Head Harbor, Me. Rept. Chief of Eng., 1900, pp. 1131, 1136. (A)
- Rockland Harbor, Me. harbor lines. Rept. Chief of Eng., 1900, p. 1138. (A)
- Portsmouth Harbor, N. H. Rept. Chief of Eng., 1900, p. 1170. (A)
- Isles of Shoals, Me. and N. H. Rept. Chief of Eng., 1900, p. 1172. (A)
- Plan for removing Witch Rock, Portland Harbor, Me. Rept. Chief of Eng., 1901, pp. 1010, 1015. (A)
- Modification of harbor lines at Lubec Harbor, Me. Rept. Chief of Eng., 1901, p. 1020. (A)
- Establishment of harbor lines in Penobscot River at Bangor, Me. Rept. Chief of Eng., 1901, pp. 1022, 1024, 1027. (A)
- Rogers, Alfred Hibbard** (U. S. M. A., 1872). Died Apr. 30, 1879, aged 31. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1879. (A)
- Rogers, Charles Geldings** (U. S. M. A., 1854). Died Feb. 24, 1888, aged 57. Obituary in Ann. Assoc. Grads. U. S. M. A., 1888. (A)
- Rogers, Henry** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1837.
- Rogers, James** (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1837.
- Rogers, William Evans** (U. S. M. A., 1867). Report of the board of railroad commissioners in 1891 on "bridge strains," being a computation of the strains brought to bear upon every member of every train and railroad bridge in the State of New York. [Joint author.] (A)
- Rogers, W. T.** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1835.
- Rollins, James Hickman** (U. S. M. A., 1862). Died Feb. 5, 1898, aged 57. Photograph in Albums of officers' mess. (A)
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1898. (A)
- Rollins, James S.** (of Missouri). Member of Board of Visitors to U. S. M. A. in 1850.
- Roman, W. W.** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1850.
- Root, Edwin Alvin** (U. S. M. A., 1883). Military topography and sketching. Prepared for use in the U. S. Infantry and Cavalry School Fort Leavenworth. 1 vol. O. 18 pp. (A)
- Root, Edwin Alvin**. Sewage and sewers. Lecture delivered before the class of officers at the U. S. Infantry and Cavalry School Fort Leavenworth, Kans., class 1893-1895. Fort Leavenworth, Kans., 1895. 1 vol. O., 18 pp. (A)
- Root, Erastus**. Member of Board of Visitors to U. S. M. A. in 1833.
- Ropes, John C.** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1875.
- Rosecrans, William Starke** (U. S. M. A., 1842). Died Mar. 10, 1898, aged 78. Engraving by H. B. Hall & Sons owned by Assoc. Grads. U. S. M. A.
- Obituary and Portrait in Ann. Assoc. Grads. U. S. M. A., 1898. (A)
- In memoriam. In Twenty-eighth reunion of the Army of the Cumberland, Detroit, Mich., September, 1899. Cincinnati, 1900. (A)
- Member of Board of Visitors to U. S. M. A. in 1884.
- Report of the battle of Murfreesboro. Senate Doc. No. 2, 37th Cong., 2d sess. Washington, 1893. In War Dept. Library
- The mistakes of Grant. In North Amer. Rev. vol. 141, December, 1885. (A)
- Society of the Army of the Cumberland. Burial of General Rosecrans. Cincinnati, 1903. 1 vol., O., p. 159, port. (A)
- Popular government.
- Ross, Edward C.** (U. S. M. A., 1821). Died May 10, 1881, aged 50. Elements of algebra. Translated from the French of Bourdon for the use of cadets, U. S. M. A. New York, 1831. 1 vol., O. (A)
- Ross, Thomas** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1838.
- Ross, William** (of New York). Member of Board of Visitors to U. S. M. A. in 1829.
- Rossell, William Trent** (U. S. M. A., 1873). Photograph in Albums of officers' mess.
- Notes on the chromium battery. Essayons Club Papers, No. 30, 1874. (A)
- Project, plan, estimate, etc., for the improvement of Anclote Harbor, Fla. Rept. Chief of Eng., 1885, p. 1280. (C)
- Wekiva River, Fla. Rept. Chief of Eng., 1885, p. 1281. (C)
- St. Augustine Harbor, Fla. Rept. Chief of Eng., 1885, p. 1282. (C)
- Amelia River, Fla. Rept. Chief of Eng., 1885, p. 1285. (C)
- Charlotte Harbor, Fla. Rept. Chief of Eng., 1885, p. 1289. (C)
- Indian River, Fla. Rept. Chief of Eng., 1885, p. 1290. (C)
- St. Johns River to Jupiter Inlet, Fla. Rept. Chief of Eng., 1885, p. 1292. (C)
- Black River, Ala. Rept. Chief of Eng., 1896, p. 1462. (A)
- Mobile Harbor, Ala. Rept. Chief of Eng., 1896, p. 1465; 1901, pp. 1854, 1859. (A)
- Ship Island Pass, etc., Miss. Rept. Chief of Eng., 1897, p. 1709; 1899, p. 1757. (A)

- Rossell, William Trent** Project, plan, estimate, etc., for the improvement of Horn Island Pass, etc., Miss. Rept. Chief of Eng., 1897, p. 1717; 1899, p. 1784. (A)
- Pascagoula River, Miss. Rept. Chief of Eng., 1897, p. 1719. (A)
- Pearl River, Miss. Rept. Chief of Eng., 1897, p. 1728. (A)
- Warrior River to Five-mile Creek, Ala. Rept. Chief of Eng., 1899, p. 1730. (A)
- Project, plan, estimate, etc., for shore protection at Forts Gains and Morgan, Ala. Rept. Chief of Eng., 1896, p. 521. (A)
- Lock building. Rept. Chief of Eng., 1900, p. 2179. (A)
- *See* Boards—Rossell; Hains, 79; Robert, 15, 22.
- Rounfort, Augustus Louis** (U. S. M. A., 1817). Died Aug. 2, 1878, aged 82. Obituary in Ann. Assoc. Grads. U. S. M. A., 1879. (A)
- Rousseau, Gustave Sebastian** (U. S. M. A., 1828). Died Jan. 29, 1879, aged 72. Obituary in Ann. Assoc. Grads. U. S. M. A., 1879. (A)
- Rowan, Andrew Summers** (U. S. M. A., 1881), and **Ramsey, Marathon Montrose**. The island of Cuba: A descriptive and historical account . . . New York, 1896. 1 vol., O. (A)
- Rowan, Vice-Admiral S. C.** (of U. S. Navy). Member of Board of Visitors to U. S. M. A. in 1875.
- Rowell, Charles Walter** (U. S. M. A., 1874). Died July 10, 1898, aged 48. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Rowell, Melvin Weston** (U. S. M. A., 1890). Private's handbook of military courtesy and guard duty . . . Kansas City, 1898. 1 pam., bound, O. (A)
- Rowles, George W.** (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1858.
- Roy, James Philip** (U. S. M. A., 1849). Died Oct. 24, 1874, aged 47. Obituary in Ann. Assoc. Grads. U. S. M. A., 1875. (A)
- Rappahannock triangulation. U. S. Coast Survey Rept., 1854, p. 47. (A)
- Triangulation, York River, Va. U. S. Coast Survey Rept., 1856, pp. 46, 94. (A)
- Triangulation of Patuxent River, Md., pp. 59, 60; Assistant in office, p. 118; Charge of miscellaneous division, pp. 156, 176–184. U. S. Coast Survey Rept., 1855. (A)
- Ruckman, John Wilson** (U. S. M. A., 1883). Ballistics: The wind problem in gunnery. O., pam. Fort Hamilton, 1890. (A)
- Review of Information from abroad, No. 10, p. 145; Review of Dredge's Modern French artillery, p. 284. Jour. U. S. Art., vol. 1.
- Announcement to vol. 2, p. 1; Review of General information series, No. 11, p. 156; Notice of De Brack's Cavalry outpost duties, p. 309; Artillery difficulties in the next war (continued), p. 422; Notice of French's Extended order of drill, p. 458; Notice of The present development of heavy ordnance in the United States, by W. H. Jaques, p. 673; Report of editor to committee, p. 713. Jour. U. S. Art., vol. 2.
- Ruckman, John Wilson**. Notice of The widening uses of compressed air, by W. P. Pressinger, p. 157; Notice of Aeronautics, p. 157; Notice of Bertrang's Upon the reduction of the draft in field batteries, p. 194; Review of Powell's An army officer's examiner, p. 531; Review of Boado y Castro's Los fusiles modernos in Austria-Hungria, p. 753; Notice of A map of Asia, China, and Korea, issued by the Office of Naval Intelligence, p. 755. Jour. U. S. Art., vol. 3.
- Ruff, Charles Frederick** (U. S. M. A., 1838). Died Oct. 1, 1885, aged 66. Obituary in Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- Ruffner, Ernest Howard** (U. S. M. A., 1867). Dodge, Fort, Kans., to Camp Supply, Ind. T., roads from, 1872. Topographical map.
- Report of a reconnaissance in the Ute country, made in the year 1873. Washington, 1874. O. Explorations and Surveys.
- Indian Territory, military map of the, 1875 (in 4 sheets). Topographical map.
- The practice of the improvement of non-tidal rivers of the United States; with an examination of the results thereof. O., pp. 187. Quincy, Ill., 1885.
- Project, plan, estimate, etc., for the improvement of Clarksville Harbor, Mo. Rept. Chief of Eng., 1889, p. 1724. (C)
- Mississippi River. Rept. Chief of Eng., 1891, p. 2136. (C)
- Dunkirk Harbor, N. Y. Rept. Chief of Eng., 1893, p. 3120. (A)
- breakwater at Buffalo, N. Y. Rept. Chief of Eng., 1895, p. 3149. (A)
- harbor lines, Buffalo Harbor, N. Y. Rept. Chief of Eng., 1895, p. 3179. (A)
- harbor lines, Niagara River, N. Y. Rept. Chief of Eng., 1895, p. 3180. (A)
- Charleston Harbor, S. C. Rept. Chief of Eng., 1899, p. 1551. (A)
- Lynchs River, S. C. Rept. Chief of Eng., 1900, p. 1876. (A)
- Sampit River, S. C. Rept. Chief of Eng., 1900, p. 1883. (A)
- Estherville-Minim Creek Canal, S. C. Rept. Chief of Eng., 1900, p. 1894. (A)
- Wee Tee Lake, S. C. Rept. Chief of Eng., 1900, p. 1903. (A)
- Great South Bay and Patchogue River, N. Y. Rept. Chief of Eng., 1901, pp. 1249, 1255. (A)
- *See* Boards—Ruffner; Abbot, 19; Mackenzie, 1; Robert, 28, 31, 33.
- Ruger, Thomas Howard** (U. S. M. A., 1854). Portrait (oil painting by D. Huntington) presented by U. S. M. A. In the cadet mess hall. Superintendent Military Academy, Sept. 1, 1871, to Sept. 1, 1876.
- Ruggles, Golden L'Hommedieu** (U. S. M. A., 1890). Report on projectiles of caliber 30 service bullet and Hebler tubular bullet. Rept. Chief of Ord., 1894. (C)
- Report on range tables for 3.6-inch B. L. field guns. Rept. Chief of Ord., 1896. (C)
- Progress report on manufacture of small-arms ammunition. Rept. Chief of Ord., 1897. (C)

- Ruggles, Golden L.** Hommedieu. Report of tests of nonmercuric primer with smokeless powder. Rept. Chief of Ord., 1899. (C)
- Experimental bullet; Report on the manufacture of guns, mortars, carriages, forgings, projectiles, etc., at the works of the Bethlehem Steel Company, etc. Rept. Chief of Ord., 1900. (C)
- Ruggles, Daniel** (U. S. M. A., 1833). Died June 1, 1897, aged 87. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1897. (A)
- Member of Board of Visitors to U. S. M. A. in 1884.
- Memorial asking an appropriation to be expended in developing his system of producing rainfall, 1880. No. 1800, doc. 39. (C)
- Ruggles, George David** (U. S. M. A., 1855). Reports as Adjutant-General U. S. Army, 1893-1897.
- The proposed increase of the Army. In *North Amer. Rev.*, vol. 150 (1894), p. 728.
- Ruggles, William** (of the District of Columbia). Member of Board of Visitors to U. S. M. A. in 1841.
- Runcie, James Edward** (U. S. M. A., 1879). Photograph in Albums of officers' mess.
- American misgovernment of Cuba. In *North Amer. Rev.*, vol. 170 (1900), p. 284.
- Rush, Richard Henry** (U. S. M. A., 1846). Died Oct. 17, 1893, aged 68. Photograph in Albums of officers' mess.
- In charge of drawing division. U. S. Coast Survey Rept., 1851, pp. 89, 94. (A)
- Russ, Charles Perren** (U. S. M. A., 1888). Died Feb. 13, 1899, aged 35. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Russel, Edgar** (U. S. M. A., 1887). Notes on field practice, Light Battery F. *Jour. U. S. Art.*, vol. 1, p. 106.
- Russell, Albert Judson** (U. S. M. A., 1876). Died Apr. 15, 1900, aged 48. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Russell, Andrew Howland** (U. S. M. A., 1871). Photograph in Albums of officers' mess.
- Author of various professional papers, 1876-1899.
- Weldon range finder. Rept. Chief of Ord., 1880, p. 415. (C)
- Telemeters, prism range finders, report of. Rept. Chief of Ord., 1881, p. 291. (C)
- The War Department at the centennial, Cincinnati, Ohio, 1888. O.
- Springfield, inspecting glass for, rifles. Rept. Chief of Ord., 1888, p. 79. (C)
- Second construction report on mortar, 12-inch B. L., cast iron. Rept. Chief of Ord., 1889, p. 365. (C)
- Summary of shrinkages and effect of hooping mortar. Rept. Chief of Ord., 1890, p. 297. (C)
- Report on method on rendering property receipts and issues at Rock Island Arsenal [in circular letter ordinance office, Sept. 23, 1899, on revision of property returns]. Rept. Chief of Ord., 1899.
- Physical properties of metals. Notes Constr. Ord. No. 15, vol. 1, p. 1. (A)
- Russell, Andrew Howland**. Experiments with electrical interrupter. Ord. Note 49, vol. 2, p. 303. (A)
- Report on the Weldon range finder. Ord. Note 134, vol. 5. (A)
- What is the use of a Regular Army? *Jour. Mil. Serv. Inst. U. S.*, vol. 24, p. 216. (A)
- Russell, James**. Member of Board of Visitors to U. S. M. A. in 1833.
- Russell, Martin J.** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1887.
- Russell, W. H.** (of Connecticut). Member of Board of Visitors to U. S. M. A. in 1863.
- Russell, W. H.** (of Missouri). Member of Board of Visitors to U. S. M. A. in 1838.
- Rust, W. A.** (of Maine). Member of Board of Visitors to U. S. M. A. in 1863.
- Ryan, James** (of New York). Member of Board of Visitors to U. S. M. A. in 1839.
- Ryan, John Paul** (U. S. M. A., 1888). Cavalry lessons from the civil war. *Jour. Cav. Assoc.*, 1895, p. 268. (A)
- Sacket, Delos Bennet** (U. S. M. A., 1845). Died Mar. 8, 1885, aged 63. Photograph in Albums of officers' mess.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1885. (A)
- Reports as Inspector-General, U. S. Army, 1881-1885; also as Inspector U. S. M. A., 1866.
- Saffold, Marion Boling** (U. S. M. A., 1879). Died Oct. 8, 1899, aged 43. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Safford, Robert Eliel** (U. S. M. A., 1877). Died July 19, 1879, aged 25. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1880. (A)
- Sanders, Capt. J.** Member of Board of Visitors to U. S. M. A. in 1844.
- Sands, George Henry** (U. S. M. A., 1880). Five-year enlistment for cavalry. *Jour. Cav. Assoc.*, 1899, p. 332. (A)
- Sanford, J. W. A.** (of Georgia). Member of Board of Visitors to U. S. M. A. in 1839.
- Sauford, James Clark** (U. S. M. A., 1854). Project, plan, estimate, etc., for the improvement of Missouri River, report of secretary. Rept. Chief of Eng., 1893, p. 3929. (A)
- Congaree River, S. C. Rept. Chief of Eng., 1900, p. 1866. (A)
- Charleston Harbor, S. C. Rept. Chief of Eng., 1900, p. 1879. (A)
- Sampit River, S. C. Rept. Chief of Eng., 1900, p. 1892. (A)
- Great Pedee River, S. C. Rept. Chief of Eng., 1901, pp. 1608, 1614. (A)
- Ashley River, S. C. Rept. Chief of Eng., 1901, pp. 1620, 1623. (A)
- Sargent, Aaron A.** (of California). Member of Board of Visitors to U. S. M. A. in 1872.
- Sargent, Herbert Howland** (U. S. M. A., 1883). Napoleon Bonaparte's first campaign (1796-97), with comments. . . . Chicago, 1895. 1 vol., O. (A)
- The campaign of Marengo. . . . Chicago, 1897. 1 vol., O. (A)
- Five-year enlistment for the cavalry. *Jour. Cav. Assoc.*, 1899, p. 333. (A)

- Sargent, Herbert Howland. A strategical study. Jour. Mil. Serv. Inst. U. S., vol. 21, p. 27. (A)
- Sarratt, Edwin Oliver (U. S. M. A., 1897). Photograph in Albums of officers' mess.
- Sartle, William Judson (U. S. M. A., 1897). Died Jan. 27, 1873, aged 29. Obituary in Ann. Assoc. Grads. U. S. M. A., 1873. (A)
- Sater, William Alfred (U. S. M. A., 1894). Died July 1, 1898, aged 28. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Satterlee, Charles Booth (U. S. M. A., 1876). Died July 10, 1899, aged 44. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- The theoretical and practical training of the light-artillery gunner. Jour. U. S. Art., vol. 8, p. 151.
- Training of field batteries. Jour. Mil. Serv. Inst. U. S., vol. 10, p. 174. (A)
- Savage, Richard Henry (U. S. M. A., 1868). Shield of his honor . . . New York, 1899. 1 vol., O. (A)
- My official wife: A novel. 12°. New York, 1891. (A)
- That old check book: 1864-1892. An old cadet's memories. 2 leaves. New York, Feb. 29, 1892.
- The little lady of Lagunitas: A Franco-California romance. 12°. New York, 1892. (A)
- Prince Schamyl's wooing: A story of the Caucasus, Russo-Turkish war. 12°. New York, 1892. (A)
- The masked Venus: A story of many lands. 12°. New York, 1893. (A)
- For life and love: A story of the Rio Grande . . . Chicago and New York, 1893. 1 vol., O. (A)
- The passing show . . . 1 vol., O. 1893. (A)
- Delilah of Harlem: A story of the New York City of to-day . . . New York, 1893. 1 vol., O. (A)
- The Princess of Alaska: A tale of two countries. A novel . . . Chicago, 1894. 1 vol., O. (A)
- A daughter of Judas . . . New York, 1894. 1 vol., O.
- The flying halcyon: A mystery of the Pacific Ocean. New version. 1894. 1 vol., O. (A)
- The anarchist: A story of to-day . . . Chicago, 1894. 1 vol., O. (A)
- In the old chateau: A story of Russian Poland . . . Chicago and New York, 1895. 1 vol., O. (A)
- After many years. [Poems.] Chicago and New York, 1895. 1 vol., O. (A)
- Miss Devereux of the Mariquita: A story of bonanza days in Nevada . . . Chicago and New York, 1895. 1 vol., O. (A)
- Checked through missing, trunk No. 17550: A story of New York City life . . . Chicago and New York, 1896. 1 vol., O. (A)
- An exile from London. A novel . . . New York, 1896. 1 vol., O. (A)
- Lost Countess Falka: A story of the Orient . . . Chicago and New York, 1896. 1 vol., O. (A)
- Savage, Richard Henry. Her foreign conquest: A novel . . . New York, 1896. 1 vol., O. (A)
- A modern Corsair: A story of the Levant . . . Chicago and New York, 1897. 1 vol., O. (A)
- For her life: A story of St. Petersburg . . . Chicago and New York, 1897. 1 vol., O. (A)
- A fascinating traitor . . . New York, 1897. 1 vol., O. (A)
- In the shadow of the pyramids: The last days of Ismail Khédive, 1879. A novel . . . Chicago and New York, 1898. 1 vol., O. (A)
- In the swim. A story of currents and undercurrents in gayest New York . . . Chicago and New York, 1898. 1 vol., O. (A)
- The hacienda on the hill: A novel . . . New York, 1899. 1 vol., O. (A)
- The white lady of Khaminavatka. Leipzig, 1899. 2 vols., O. (A)
- Captain Landon: A story of modern Rome . . . New York, 1899. 1 vol., O. (A)
- Our mysterious passenger, and other stories . . . New York, 1899. 1 vol., O. (A)
- Brought to bay, 1900. Chicago.
- The midnight passenger, 1900. Chicago.
- The little judge of Lagunitas.
- Notice of his life. See Introduction to his novel, Princess of Alaska.
- Author of 29 volumes of novels, poems, stories, etc.
- and Gunter, Mrs. Archibald Clavering. His Cuban sweetheart: A novel . . . New York, 1895. 1 vol., O. (A)
- and Hooper, Will Phillip. An untold tale, by Phillip Hooper. An awkward meeting; Fighting the tiger, and other thrilling adventures told by Col. R. H. Savage . . . New York, 1897. 1 vol., O. (A)
- Sawtelle, Charles Greene (U. S. M. A., 1854). Reports as Quartermaster-General U. S. Army, 1890-1897.
- Sawyer, Frederick A. (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1870.
- Saxton, F. B. (of Texas). Member of Board of Visitors to U. S. M. A. in 1856.
- Saxton, Rufus (U. S. M. A., 1849). Photograph in Albums of officers' mess.
- Triangulation, South Carolina, pp. 55, 96; Charge of engraving division, pp. 89, 145-147. U. S. Coast Survey Rept., 1856. (A)
- Charge of engraving division, pp. 118, 188; Report, pp. 200-210. U. S. Coast Survey Rept., 1857. (A)
- Scales, Alfred M. (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1881.
- Scammon, Eliakim Parker (U. S. M. A., 1837). Died Dec. 7, 1894, aged 78. Obituary in Ann. Assoc. Grads. U. S. M. A., 1895. (A)
- Scammon, J. Young (of Illinois). Member of Board of Visitors to U. S. M. A. in 1864.
- Schaeffer, Charles Melancthon (U. S. M. A., 1878). Died June 23, 1900, aged 42. Obituary in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Schaff, Gen. Morris (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1882.

- Schenck, Alexander DuBois (U. S. M. A., 1867).
The time fuze with shrapnel fire. *Jour. U. S. Art.*, vol. 1, p. 397.
— Field artillery fire, p. 79; The pack mule and mountain artillery, p. 583. *Jour. U. S. Art.*, vol. 3, p. 583.
— Pack saddles and a powerful mountain gun. *Jour. U. S. Art.*, vol. 9, p. 129.
— Organization of the field artillery. *Jour. U. S. Art.*, vol. 16, p. 1.
— Relative values of field guns. *Jour. Mil. Serv. Inst. U. S.*, vol. 10, p. 195. (A)
— Our northern frontier. *Jour. Mil. Serv. Inst. U. S.*, vol. 11, p. 899. (A)
— Comment on Artillery difficulties. *Jour. Mil. Serv. Inst. U. S.*, vol. 12, p. 800. (A)
Schenck, Bard Pendleton (U. S. M. A., 1887).
Died Mar. 10, 1900, aged 35. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
Schenck, Robert C. (of Ohio). Member of Board of Visitors to U. S. M. A. in 1865 and in 1870.
Scherer, Louis Charles (U. S. M. A., 1891). *Centa.*
Jour. U. S. Art., vol. 10, p. 137.
Schofield, Charles Brewster (U. S. M. A., 1870).
Died Feb. 1, 1901, aged 51. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1901. (A)
Schofield, John McAllister (U. S. M. A., 1853).
Portrait (oil painting by James C. Beckwith presented by U. S. M. A., 1878 or 1879. *In the cadet mess hall.*
— Oil portrait in Metropolitan Club, of Washington, D. C.
— Portrait. *In The Army of the United States*, p. 629. (A)
— Engraving (by H. B. Hall's Sons) owned by Assoc. Grads. U. S. M. A.
— Photograph *in Albums of officers' mess.*
— Nineteenth Superintendent from Sept. 1, 1879, to Jan. 21, 1881. Reports as Supt. U. S. M. A., 1879-1881.
— Member of Board of Visitors to U. S. M. A. in 1901.
— Introductory remarks upon the study of the science of war from a paper read to the U. S. Mil. Serv. Inst., West Point, Oct. 11, 1877. New York, 1877. 1 vol., O., 21 pp. (A)
— Address delivered . . . to the corps of cadets. U. S. M. A., West Point, N. Y., Monday, Aug. 11, 1879. 1 pamph., O., 9 pp. (A)
— Forty-six years in the Army. New York, 1897. xvi, 577 pp. *In War Dept. Library.*
— Inaugural address before Mil. Serv. Inst., Jan. 11, 1879. *Jour. Mil. Serv. Inst. U. S.*, vol. 1, p. 1. (A)
— Maneuvers of the French army and observations upon continental military systems. *Jour. Mil. Serv. Inst. U. S.*, vol. 3, p. 151. (A)
— Remarks . . . upon the reorganization of the Army. Washington. 1 vol., O., pp. 10. (A)
Schrivver, Edmund (U. S. M. A., 1833). Died Feb. 10, 1899, aged 86. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1901. (A)
Schull, Herman Walter (U. S. M. A., 1889).
Spanish ordnance in the defenses of Havana. *Jour. U. S. Art.*, vol. 15, p. 129.
Schumni, Herman C. (U. S. M. A., 1887). Review of Kaiser's Construction der Gezoogenen Geschuetzrohre. *Jour. U. S. Art.*, vol. 2, p. 671.
— Artillery projectiles and their penetration. *Jour. U. S. Art.*, vol. 4, p. 620.
— Translation. Thoughts on the employment of cavalry and mounted artillery in battle. *Jour. U. S. Art.*, vol. 5, p. 304.
Schuyler, Montgomery (of New York). Member of Board of Visitors to U. S. M. A. in 1902.
Schwatka, Frederick (U. S. M. A., 1871). Died Nov. 2, 1892, aged 43. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1893. (A)
— Report of a military reconnaissance in Alaska made in 1883. O., 1885. (A)
— The fur-seal fishery dispute. *In North Amer. Rev.*, vol. 149, 1888, p. 390.
— Coming polar expeditions. *In North Amer. Rev.*, vol. 148, p. 151, February, 1889. (A)
— In the land of cave and cliff dwellers. . . . New York, 1893. 1 vol., O., ill. (A)
— Among the Esquimaux with Schwatka (by Wm. H. Gilder). *Century Mag.*, vol. 22, p. 79.
— A musk-ox hunt. *Century Mag.*, vol. 4, p. 671.
— Sledging in the arctic in quest of the Franklin records (by W. H. Gilder, second in command).
— The children of the cold
Scott, Henry Lee (U. S. M. A., 1833). Died Jan. 6, 1886, aged 71. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1886. (A)
— Military dictionary. . . . New York, 1891. 1 vol. O. (A)
Scott, J. W. Member of Board of Visitors to U. S. M. A. in 1834.
Scott, John W. (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1892.
Scott, William Sherley (U. S. M. A., 1880). Kilpatrick's raid around Atlanta. *Jour. Cav. Assoc.*, 1899, p. 263. (A)
— Remount system for cavalry in different countries. *Jour. Cav. Assoc.*, 1899, p. 13. (A)
Scott, Winfield. Died May 29, 1866, aged 86. Portrait (oil painting by Weir at request of Maj. Barnard, Superintendent U. S. M. A.). Presented by Military Academy. *In the library.*
— bronze medallion (by Hammerstein & Pennville, of New York City). Presented by Gen. Daniel Butterfield. *Memorial hall.*
— Member of Board of Visitors to U. S. M. A. in 1831, 1843, 1844, and 1845.
Scranton, Joseph A. (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1901.
Seriven, George Percival (U. S. M. A., 1878).
Photograph *in Albums of officers' mess.*
— translator of Scouting and reconnaissance by Von der Goetz. *Jour. Mil. Serv. Inst. U. S.*, vol. 7, p. 72. (A)
— The Nicaragua Canal. [Prize essay.] *Jour. Mil. Serv. Inst. U. S.*, vol. 15, p. 1. (A)
Seudder, Col. James L. (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1872.

- Searight, Joseph Donaldson** (U. S. M. A., 1826). Died Jan. 22, 1885, aged 83. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1885. (A)
- Searle, Zetus Stilwell** (U. S. M. A., 1850). Died Apr. 2, 1876, aged 48. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1876. (A)
- Sears, Rev. Barnas, D. D.** Member of Board of Visitors to U. S. M. A. in 1870.
- Sears, Clandius Wistar** (U. S. M. A., 1841). Died Feb. 15, 1891, aged 74. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1891. (A)
- Sears, Clinton Brooks** (U. S. M. A., 1807). Photograph in *Albums of officers' mess*.
 — Ranson genealogy, 1882.
 — Project, plan, estimate, etc., for the improvement of James River, Dak. Rept. Chief of Eng., 1887, p. 1609. (C)
 — — bridge of the Northern Pacific Railroad Company. Rept. Chief of Eng., 1888, p. 2670. (C)
 — — harbor lines in Allouez Bay, near Superior, Wis. Rept. Chief of Eng., 1893, p. 2695. (A)
 — — Iron River, Wis. Rept. Chief of Eng., 1895, p. 2581. (A)
 — — harbor lines in St. Louis Bay. Rept. Chief of Eng., 1895, p. 2583. (A)
 — — Portwing, Wis., harbor of. Rept. Chief of Eng., 1897, p. 2643. (A)
 — — Two Islands, Minn. Rept. Chief of Eng., 1900, p. 3629. (A)
 — — Copper Harbor, Mich. Rept. Chief of Eng., 1900, p. 3939. (A)
 — Report upon ownership of the ground on which are located the canal, canal entrances, and piers at Duluth Harbor, Minn. Rept. Chief of Eng., 1893, p. 2665. (A)
 — Location for canal to connect Lake Superior and the Mississippi River. Rept. Chief of Eng., 1896, p. 2391. (A)
 — Principles of tidal harbor improvements, etc.
 — See Boards—Sears; Poe, 18; Smith, 1; Stickney, 7. See Commissions—Poe, 1. (A)
- Sears, Henry B.** (U. S. M. A., 1846). Died Feb. 12, 1880, aged 55. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1880. (A)
- Seaton, W. W.** (of District of Columbia). Member of Board of Visitors to U. S. M. A. in 1830.
- Seawell, Washington** (U. S. M. A., 1825). Died Jan. 8, 1888, aged 86. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1888. (A)
- Sedgwick, John** (U. S. M. A., 1837). Died May 9, 1864, aged 50. Engraving owned by Assoc. Grads. U. S. M. A.
 — Portrait (oil painting by H. Balling). Presented by subscription and \$100 from Military Academy. In memorial hall, West Point.
 — Bronze standing statue (by Launt Thompson). At West Point, N. Y.
 — Bronze and granite memorial (by J. J. Hawley). At West Cornwall, Conn. (1899).
 — Description of the ceremony of dedication of the statue of Maj. Gen. John Sedgwick . . . at West Point, N. Y., Oct. 21, 1868, including the oration of Hon. G. W. Curtis on the occasion. New York, 1869. 1 pam., O., 67 pp. (A)
- Sedgwick, John.** Address before Vermont Officers' Reunion Society (by M. T. McMahon). 1880. 33 pp. In War Dept. Library.
 — Memorial exercises at Cornwall, Conn., May 30, 1892. Hartford, 1892. 35 pp. In War Dept. Library.
 — Correspondence of Maj. Gen. John Sedgwick, vol. 1 (1846-1848). n. p., 1902. O., por. (A)
- Selden, Henry Raymond** (U. S. M. A., 1843). Died Feb. 2, 1865, aged 44. Engraving (by J. C. Buttre). Owned by Assoc. Grads. U. S. M. A.
- Semmes, Paul J.** (of Georgia). Member of Board of Visitors to U. S. M. A. in 1857.
- Settle, Judge Thomas** (of North Carolina). Member of Board of Visitors to U. S. A. M. in 1870.
- Sevier, Robert** (U. S. M. A., 1828). Died May 16, 1879, aged 71. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1879. (A)
- Seward, Augustus Henry** (U. S. M. A., 1847). Died Sept. 11, 1876, aged 50. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1877. (A)
- Sewell, John Stephen** (U. S. M. A., 1891). Project, plan, estimate, etc., for the erection of new building for Government Printing Office. Rept. Chief of Eng., 1901, p. 3801. (A)
- Sewell, William J.** (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1896.
- Seymour, Truman** (U. S. M. A., 1846). Died Oct. 30, 1891, aged 67. Photograph in *Albums of officers' mess*.
 — Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1892. (A)
 — Bronze medallion (by Launt Thompson). Presented by Mrs. Louisa Seymour, his wife. Memorial hall.
 — The bugle . . . its utility in battery evolutions . . . 1 pam., O. 1862. (A)
 — Military education: A vindication of West Point and the Regular Army. [Reprint from Army and Navy Journal, Sept. 24, 1864.] N. Y., 1864. 1 vol., O., 7 pp. (A)
- Shaaff, John Thomas** (U. S. M. A., 1851). Died July 2, 1877, aged 47. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1881. (A)
- Shaler, Charles** (U. S. M. A., 1867). Photograph in *Albums of officers' mess*.
 — Sounding, method of, smokeless powder, at Rock Island Arsenal; Water power, amount of flow per minute. Rept. Chief of Ord., 1877, p. 184. (C)
 — Rifle, 3.2-inch B. L., from base, p. 494; Experimental carriage for 5-inch B. L. rifle, test of, p. 529. Rept. Chief of Ord., 1891. (C)
 — Report on Benicia Arsenal facilities for storing, distributing, and manufacturing. Rept. Chief of Ord., 1899.
 — Translator of Resistance of metallic tubes, simple or compound, with application to the construction of caannon. Notes Constr. Ord. No. 9, vol. 1, p. 1. (A)
 — Relative values of field guns. Jour. Mil. Serv. Inst. U. S., vol. 10, p. 391. (A)
- Shannon, James** (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1830.

- Sharp, Leander J.** Member of Board of Visitors to U. S. M. A. in 1831.
- Sharpe, Henry Grauville** (U. S. M. A., 1880). Photograph in Albums of officers' mess.
- Review of Pierron's *Strategie et tactique*. Jour. Mil. Serv. Inst. U. S., vol. 13, p. 1119. (A)
- Translator of Dufour's Theories upon utilization of local resources by troops in campaign. Jour. Mil. Serv. Inst. U. S., vol. 17, p. 623. (A)
- Art of supplying armies in the field, etc. [Prize essay.] Jour. Mil. Serv. Inst. U. S., vol. 18, p. 45. (A)
- See West Point maps, 1885.
- Shea, James** (of New York). Member of Board of Visitors to U. S. M. A. in 1838.
- Shelton, Edwin Henry** (U. S. M. A., 1870). Died Jan. 13, 1880, aged 29. Obituary in Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Shepherd, Oliver Lathrop** (U. S. M. A., 1840). Died Apr. 15, 1894, aged 79. Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Sheridan, Philip Henry** (U. S. M. A., 1853). Died Aug. 5, 1888, aged 57. Portrait (oil painting by Mrs. L. H. Darragh, Philadelphia, May 22, 1888). Gift of G. W. Childs. In cadet mess hall.
- Oil portrait. In Metropolitan Club, Washington, D. C.
- Oil painting, Sheridan's ride (by T. B. Read). In Academy of Fine Arts, Philadelphia, Pa.
- Commanding the Army, 1883-1888. Portrait in the Army of the United States, p. 575. (A)
- Engraving owned by Assoc. Grads. U. S. M. A.
- Enlarged photograph showing a group of officers as below, counting from the left of the picture: Sheridan, J. W. Forsyth, W. Merritt, T. C. Devin, Custer. In memorial hall.
- Bronze (equestrian) statue (by J. Q. A. Ward). In Washington, D. C.
- Bronze portrait medallion (by Samuel J. Kitson) on granite monument in Arlington National Cemetery, Washington, D. C. [Cast in 1889.]
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1889; Harper's New Monthly Mag., vol. 77 (1888), p. 805. (A)
- In memoriam: Proceedings of the senate and assembly of the State of New York on the life and services of, Apr. 9, 1889. (A)
- Memorial from Boston, 1889. In War Dept. Library.
- Eulogy on Gen. Philip H. Sheridan (by Russell A. Alger). In nineteenth reunion of the Army of the Cumberland, Chicago, Ill., Sept., 1888, p. 113. Cincinnati, 1889. (A)
- Memorial addresses. M. O. L. L. U. S., Wisconsin war papers. In War Dept. Library.
- Sheridan's battle of Winchester (by J. W. De Forest). Harper's New Monthly Mag., vol. 30 (1865), p. 195.
- Recollections of Sheridan (by W. F. G. Shanks). Harper's New Monthly Mag., vol. 31 (1865), p. 298. (A)

- Sheridan, Philip Henry.** Philip H. Sheridan. Anecdote. Harper's New Monthly Mag., vol. 31 (1865), pp. 298, 305. (A)
- Keim (De B. R.): Sheridan's troopers on the borders. A winter campaign on the plains . . . (1868-69). Philadelphia, 1870. 1 vol., O. (A)
- Report of an exploration of parts of Wyoming, Idaho, and Montana, in August and September, 1882, with the itinerary of Lieut. Col. James F. Gregory. A. D. C., and a geological and botanical report by Surg. W. H. Forwood. Map, O., pp. 69. Washington, 1882.
- Record of engagements with hostile Indians within the military division of the Missouri, from 1868 to 1882. Chicago, 1882. 1 vol., O., pp. 120. (A)
- Report of an expedition through the Big Horn Mountains, Yellowstone National Park, etc. Maps, O., pp. 39. Washington, 1882.
- The last days of the rebellion. In North Amer. Rev., vol. 137, July, 1883; vol. 147 (1888), p. 270. (A)
- Personal memoirs. New York, 1888, 2 vols., O., ill. por. (A)
- MacClellan (Carswell): Notes on the personal memoirs of P. H. Sheridan . . . 1 pam., O., 1889. (A)
- Davies (Gen. Henry E.): General Sheridan . . . 1 vol., O., 1895. [Great commanders.] (A)
- Message of President Cleveland announcing death of, Aug. 6, 1888. No. 2561, doc. 415. (C)
- Removal of, from command of Fifth military district; correspondence relative to. No. 1330, doc. 57. (C)
- Report to Joint Committee on Conduct of the War. In supplemental report joint committee, vol. 2. No. 1242, doc. —. (C)
- Memoir (by B. M. Gutcheon). M. O. L. L. U. S., 1888. 61 pp. In War Dept. Library.
- M. O. L. L. U. S., General Commandery, 1889. In War Dept. Library.
- Toasts, etc., at banquet to. M. O. L. L. U. S., Illinois, war papers. In War Dept. Library.
- Division of, at Missionary Ridge. M. O. L. L. U. S., Ohio, war papers, vol. 4. In War Dept. Library.
- Sketch of (by E. D. Parsons). M. O. L. L. U. S., Wisconsin, war papers. In War Dept. Library.
- Personal recollections of (by E. P. Tobie). S. S. Hist. Soc. R. I., 4th ser., No. 6. In War Dept. Library.
- Recollections of, as a cadet (by J. L. Hanaway). M. O. L. L. U. S., Wisconsin, war papers. In War Dept. Library.
- Life of General Sheridan (by Richard J. Hinton).
- From Gravelotte to Sedan. Scribner's Mag., vol. 4, p. 515.
- Lieutenant-General Sheridan (by Adam Badeau). Century Mag., vol. 27, p. 496.
- and Sherman, William Tecumseh (U. S. M. A., 1840). Reports of inspection made in the summer of 1877 . . . of country north of

- the Union Pacific Railroad. Printed by order of the Secretary of War. Washington, 1878. 1 vol., O. (A)
- Sheridan, Philip Henry. *See* Record of engagements with hostile Indians . . .
- *See* With General Sheridan in Lee's last campaign . . . 1 vol., O. 1866. (A)
- Sherman, James Larned (U. S. M. A., 1865). Died May 15, 1880, aged 35. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1880. (A)
- Sherman, John (U. S. Senate). Member of Board of Visitors to U. S. M. A. in 1873.
- Sherman, Thomas West (U. S. M. A., 1836). Died Mar. 10, 1879, aged 66. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1879. (A)
- Sherman, William Tecumseh (U. S. M. A., 1840). Died Feb. 14, 1891, aged 71. Portrait (oil painting by Mrs. L. H. Darragh, 1887). Gift of G. W. Childs. In cadet mess hall.
- Oil painting (by G. P. A. Healy) presented May, 1902, by Father Deshon (U. S. M. A., 1843). In memorial hall.
- Oil portrait. In Metropolitan Club, Washington, D. C.
- Portrait. Harper's New Monthly Mag., vol. 30 (1865) p. 640. (A)
- Portrait (death mask). Harper's New Monthly Mag., vol. 85 (1892) p. 911. (A)
- Engraving (by J. C. Buttre) owned by Assoc. Grads. U. S. M. A.
- Bronze equestrian statue (by Carl Rohl Smith). Washington, D. C.
- Bronze equestrian statue (by St. Gaudens). Central Park, New York City.
- Bronze statue, standing (by J. Massey Rhind). In Muskegon, Mich. Gift of Charles Hackley.
- Bust (by A. St. Gaudens).
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1891; Harper's New Monthly Mag., vol. 82 (1891), p. 969. (A)
- Memorial addresses (by W. B. Allison). In War Department Library.
- In memoriam. In Twenty-second reunion of the Army of the Cumberland, Columbus, Ohio, September, 1891, p. 163. Cincinnati, 1892. (A)
- In memoriam. William T. Sherman. Proceedings of the senate and assembly of the State of New York . . . 1 vol., O. 1892. In War Dept. Library. (A)
- Memorial tribute (by S. J. Nicholls). St. Louis, 1891. In War Dept. Library.
- Bowman (S. M.) and Irwin (R. B.): Sherman and his campaigns. New York, 1865. 1 vol., O., ill., por. In War Dept. Library. (A)
- Official reports, 1864-65. Atlanta, Savannah, the Carolinas. Johnson's truce. New York, 1865. 84 pp. In War Dept. Library.
- General and field orders. Campaign of the armies of the Tennessee, Ohio, and Cumberland . . . Sherman commanding, 1864-65. 1 vol., O. 1865. (A)
- Marches of the United States forces under the command of Maj. Gen. W. T. Sherman, U. S. Army, during the years 1863, 1864, and 1865. Compiled by order of General Sherman, under the direction of Bvt. Maj. W. L. B. Jenney, 1865. Military maps. Portfolio. (A)
- Sherman, William Tecumseh. Recollections of W. T. Sherman (by W. F. G. Shanks), p. 640; Sherman's march to the sea, p. 807. Harper's New Monthly Mag., vol. 30 (1865).
- Sherman's great march (by A. H. Guernsey). Harper's New Monthly Mag., vol. 31 (1865), p. 571.
- Address before the societies of the armies of the Tennessee, Cumberland, Ohio, and Georgia. Chicago, Dec. 15 and 16, 1868. In the Army Reunion, p. 17. Chicago, 1869. (A)
- West Point, graduating class, address, 1869, by William T. Sherman. Also same for 1876 and 1880.
- General Sherman in Turkey. Harper's New Monthly Mag., vol. 47 (1873), p. 481. (A)
- Boynton (H. V.): Sherman's historical raid . . . 1 vol., O. 1875. (A)
- Autobiographical memoirs. [1st ed.] 1875. 2 vols., Q. In War Dept. Library. (A)
- Memoirs of Gen. W. T. Sherman (by himself). Reviewed by Francis Winthrop Palfrey. Atlantic Monthly, vol. 36 (1875), p. 245.
- Gen. William T. Sherman (by C. H. Catch). In War Dept. Library.
- (by J. B. Foraker). [n.p.] In War Dept. Library.
- (by Manning Ferguson Force). New York, 1899. [Great commanders.]
- (by Col. Henry Hitchcock). In War Dept. Library.
- (by Capt. F. H. Magdeburg). Reprint of Wis. M. O. L. L. U. S., war papers, 1891. Milwaukee, 1896. 51 pp. In War Dept. Library.
- (by C. W. Moulton). 1875. In War Dept. Library.
- (by J. Pitzman). In War Dept. Library.
- (by E. V. Smalley). Century Mag., vol. 27, p. 450.
- Address to the class of 1880, Artillery School, Apr. 28. 6 pp. (A)
- Sherman's opinion of Grant (by Allen Thorndyke Rice). In North Amer. Rev., vol. 142, February, 1886.
- An unspoken address. In North Amer. Rev., vol. 142, March, 1886.
- Letter to General Grant. [Important Historical Letters.] In North Amer. Rev., vol. 143, July, 1886. (A)
- Grant (U. S.): Letters to General Sherman. [Important Historical Letters.] In North Amer. Rev., vol. 143, July, 1886. (A)
- Letter to President Johnson. [Important Historical Letters.] In North Amer. Rev., vol. 143, July, 1886.
- Johnston (J. E.): My negotiations with General Sherman. In North Amer. Rev., vol. 143, August, 1886. (A)
- Smith (William Farrar): To General Sherman. In North Amer. Rev., vol. 143, August, 1886. (A)

- Sherman, William Tecumseh** (Braxton). Some unpublished letters addressed to Gen. W. T. Sherman. *In* North Amer. Rev., vol. 143, November, 1886; vol. 144, April, 1887.
- Grant, Thomas, Lee. *In* North Amer. Rev., vol. 144, May, 1887. (A)
- Sherman's march to the sea (by S. H. M. Byers). *In* North Amer. Rev., vol. 145, 1887.
- Letter from Admiral Porter. *In* North Amer. Rev., vol. 145 (1887), p. 553. Campfires of the G. A. R., p. 497. Old Shady with a moral, p. 364; Hon. James G. Blaine, p. 609. *In* North Amer. Rev., vol. 147 (1888).
- Remarks Oct. 3, 1889, on the occasion of the presentation of portraits of Generals Grant, Sherman, and Sheridan to the U. S. M. A. Childs: Recollections of Grant, p. 77. (A)
- Our Army and militia. *In* North Amer. Rev., vol. 150 (1890).
- Letters. Correspondence between Gen. W. T. and Senator John Sherman, 1837-1891. Edited by Rachel Sherman Thorndike. New York, 1894. viii, 398 pp., por. *In* War Dept. Library.
- Statue of. Answer of committee of Society Army of Tennessee to the National Sculpture Society, 1896. *In* War Dept. Library.
- Why General Sherman declined the nomination in 1884. *In* North Amer. Rev., vol. 171 (1900), p. 243.
- Moulton (C. W.): The review of . . . Sherman's memoirs examined. (A)
- The military lessons of the war.
- G. A. R., F. C. Jones Post, No. 401, Ohio. *In* War Dept. Library.
- M. O. L. L., U. S., Minnesota Commandery. *In* War Dept. Library.
- Official deposition of, on the burning of Columbia. *In* War Dept. Library.
- and Sheridan, Philip Henry (U. S. M. A., 1853). Reports of inspection made in the summer of 1877 . . . of country north of the Union Pacific Railroad. Printed by order of the Secretary of War. Washington, 1878. 1 vol., O.
- Shields, Hamilton Leroy** (U. S. M. A., 1846). Died Nov. 24, 1889, aged 66. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1890. (A)
- Shipman, Herbert**. Chaplain U. S. M. A., 1896-.
- Shipp, Col. Scott** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1890.
- Shipp, William Ewen** (U. S. M. A., 1883). Died July 1, 1898, aged 37. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Comment on Bernard's Marching and cauping of cavalry. *Jour. Cav. Assoc.*, 1889, p. 323. (A)
- Mounted infantry, p. 76; Captain Crawford's last expedition, p. 343. *Jour. Cav. Assoc.*, 1892. (A)
- Shipton, James Ancil** (U. S. M. A., 1892). Translation of Von Reichold's Indirect fire, p. 170; Translation of Field gun constructed by the Société des Anciens établissements Cail, p. 207. *Jour. U. S. Art.*, vol. 8.
- Shipton, James Ancil**. Translation of Von Rohnes Concerning the reliability of range-finding shots. *Jour. U. S. Art.*, vol. 9, p. 137.
- Shiras, Alexander Eakin** (U. S. M. A., 1843). Died Apr. 14, 1875, aged 63. Photograph *in* Albums of officers' mess. (A)
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1875. (A)
- Reports as Commissary-General, U. S. Army, 1874-75.
- Shober, E.** (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1832.
- Shoemaker, Frank L.** (U. S. M. A., 1868). Died July 1, 1898, aged 55. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Shoup, Francis Asbury** (U. S. M. A., 1855). Died Sept. 4, 1899, aged 63. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1907. (A)
- Elements of algebra . . . New York, 1874. 1 vol., O. (A)
- The issue.
- Various magazine articles.
- Shubart, H.** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1850.
- Shunk, Francis Rawn** (U. S. M. A., 1887). Project, plan, estimate, etc., for the improvement of Cluteo River, Oreg. Rept. Chief of Eng., 1893, p. 3434. (A)
- Rogue River, Oreg. Rept. Chief of Eng., 1893, p. 3435. (A)
- Quillayute River and Harbor, Wash. Rept. Chief of Eng., 1895, p. 3454. (A)
- Clallam Bay, Wash. Rept. Chief of Eng., 1895, p. 3495. (A)
- Okanogan River, Wash. Rept. Chief of Eng., 1895, p. 3477. (A)
- Translation of Impressions of a company commander (by Captain Potez). Washington, 1901. 1 vol., O.
- Shunk, William Alexander** (U. S. M. A., 1879). Essay: The origin, development, and use of hasty intrenchments for infantry. 129, pam. 1887. (A)
- Foreign criticism of civil war. *Jour. Cav. Assoc.*, 1891, p. 243. (A)
- Military geography of Mexico. *Jour. Cav. Assoc.*, 1893, p. 117. (A)
- Hasty intrenchments. *Jour. Mil. Serv. Inst. U. S.*, vol. 10, p. 421. (A)
- Sibert, William Luther** (U. S. M. A., 1881). Project, plan, estimate, etc., for the improvement of Cache River to Riverside, Ark. Rept. Chief of Eng., 1895, p. 2037. (A)
- St. Francis River, Mo. Rept. Chief of Eng., 1895, p. 2040. (A)
- Upper White River, Ark. Rept. Chief of Eng., 1896, p. 1097. (A)
- Arkansas River, Ark. Rept. Chief of Eng., 1897, pp. 1989, 1991. (A)
- Buffalo Fork of White River, Ark. Rept. Chief of Eng., 1897, p. 1995. (A)
- St. Francis River, Ark. and Mo. Rept. Chief of Eng., 1897, p. 2000. (A)
- Allegheny River, Pa., locks and dams. Rept. Chief of Eng., 1902, p. 1902. (A)
- Falls of Ohio River, at Louisville, Ky. Rept. Chief of Eng., 1902, p. 1964. (A)

- Sibert, William Luther. Project, plan, estimate, etc., for the improvement of Indiana Chute Channel, Ohio River, Ky. Rept. Chief of Eng., 1902, p. 1069. (A)
- See Boards—Stickney, 10.
- Sibley, Caleb Chase (U. S. M. A., 1829). Died Feb. 19, 1875, aged 60. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1875. (A)
- Sibley, Ebenezer Sprote (U. S. M. A., 1827). Died Aug. 14, 1884, aged 79. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1885. (A)
- Sibley, Henry H. (of Minnesota). Member of Board of Visitors to U. S. M. A. in 1867.
- Sibley, Henry Hopkins (U. S. M. A., 1838). Died Aug. 23, 1886, aged 71. Portrait Harper's New Monthly Mag. vol. 51 (1875), p. 631. (A)
- Engraving. Owned by Assoc. Grads. U. S. M. A.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1887; Harper's New Monthly Mag., vol. 82 (1891), p. 969. (A)
- Gen. H. H. Sibley. Biography. Harper's New Monthly Mag., vol. 51 (1875), p. 631. (A)
- Sketch of. M. O. L. I. U. S., Minnesota, war papers. *In* War Dept. Library.
- Sickles, Daniel Edgar (of New York). Member of Board of Visitors to U. S. M. A. in 1901.
- Sidell, William Henry (U. S. M. A., 1833). Died July 1, 1873, aged 63. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1874. (A)
- Sill, Joshua Woodrow (U. S. M. A., 1853). Died Dec. 31, 1892, aged 31. Engraving (by A. H. Ritchie). Owned by Assoc. Grads. U. S. M. A.
- Silliman, B. Member of Board of Visitors to U. S. M. A. in 1822.
- Silvey, William (U. S. M. A., 1849). Died Oct. 23, 1875, aged 51. Photograph *in* Albums of officers' mess.
- Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1876. (A)
- Simpson, Bishop (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1864.
- Simpson, James Hervey (U. S. M. A., 1832). Died Mar. 2, 1883, aged 70. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1883. (A)
- Route from Fort Smith, Ark., to Santa Fé, N. Mex. 1849. (A)
- Journal of a military reconnaissance from Santa Fé, N. Mex., to the Navajo country . . . 1849. 1 vol., O. 1852. (A)
- Report of a reconnaissance made between Ferdinandina and Cedar Keys. U. S. Coast Survey Rept., 1857, app. 41, pp. 379-382. (A)
- Wagon roads in Utah Territory, 1858. No. 984, doc. 40. (C)
- Report on the change of route west from Omaha, Nebr. Proposed by the Union Pacific Railroad Company, made to Hon. James Harlan, Secretary of the Interior, Sept. 18, 1865; with the President's decision thereon. O., pam. Washington, 1865. (A)
- Project, plan, estimate, etc., for the improvement of Key West to Gulf of Mexico. Rept. Chief of Eng., 1868, pp. 59, 519, 520. (C)
- Susquehanna River near Havre de Grace, Md. Rept. Chief of Eng., 1869, p. 376. (C)
- Simpson, James Hervey. Project, plan, estimate, etc., for the improvement of Cape Fear River, N. C. Rept. Chief of Eng., 1870, p. 70. (C)
- Baltimore Harbor, Md. Rept. Chief of Eng., 1870, pp. 420. (C)
- Mobile Harbor, Ala. Rept. Chief of Eng., 1871, pp. 590, 591; 1872, pp. 576, 598; 1877, p. 408. (C)
- Coosa River, Ala. and Ga. Rept. Chief of Eng., 1871, p. 563. (C)
- Tombigbee and Black Warrior rivers. Rept. Chief of Eng., 1871, p. 573; 1873, p. 607. (C)
- Choctawatchee River, Fla. Rept. Chief of Eng., 1872, pp. 63, 589, 641; 1874, vol. 1, p. 896. (C)
- Tampa Bay, Fla. Rept. Chief of Eng., 1872, pp. 64, 587, 647. (C)
- Apalachicola River and Bay. Rept. Chief of Eng., 1872, pp. 584, 612. (C)
- Mississippi River between Falls of St. Anthony and Cairo. Rept. Chief of Eng., 1874, vol. 1, p. 328; 1875, vol. 1, pp. 481, 505; 1875, vol. 2, pp. 471, 483, 485, 489, 491, 492, 493, 494, 495; 1876, vol. 1, pp. 81, 639, 642, 643, 646, 649, 650, 651, 653, 654; 1877, pp. 81, 505, 508, 509, 511, 512, 513, 514; 1878, p. 686; 1879, p. 1032. (C)
- Osage River, Mo. Rept. Chief of Eng., 1875, vol. 1, p. 489. (C)
- The shortest route to California, illustrated by a history of explorations of the Great Basin of Utah. 1 vol., pam., O. 1869. (A)
- Coronado's march in search of the seven cities of Cibola . . . 1 pam., O. 1871. (A)
- Report of an expedition into the Navajo country. Explorations and Surveys. (A)
- See Boards—Simpson; Macomb, 4, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30.
- Simpson, Marcus De Lafayette (U. S. M. A., 1846). Request of, to be authorized to inter remains of deceased son in lot assigned him in Arlington Cemetery, 1902. No. 2957, doc. 231. (A)
- Simpson, R. T. (or South Carolina). Member of Board of Visitors to U. S. M. A. in 1856.
- Simpson, Wendell Lee (U. S. M. A., 1884). Proposed deep waterway from great Lakes to Ocean. Jour. Mil. Serv. Inst. U. S., vol. 15, p. 1193. (A)
- Simpson, William Augustus (U. S. M. A., 1875). Army of the United States. *In* Ency. Brit., 10th ed., vol. 1 (1902). (A)
- Our artillery organization, p. 48; Comment on Chester's Instruction of gunners, p. 198. Jour. U. S. Art., vol. 1.
- The Second Regiment of Artillery. Jour. Mil. Serv. Inst. U. S., vol. 14, p. 995. (A)
- Sinclair, William (U. S. M. A., 1857). Quartermaster U. S. M. A., Sept. 30, 1865, to Sept. 30, 1868.
- Sing, Charles Bostwick (U. S. M. A., 1836). Died Feb. 28, 1878, aged 63. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Copper plate map of West Point 200×150 mm. Legend: Topography of West Point, Chas. B. Sing (about 1830). (A)

- Sitgreaves, Lorenzo** (U. S. M. A., 1832). Died May 14, 1888, aged 78. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1888. (A)
- Report of an expedition down the Zúñi and Colorado rivers. Washington, 1853. O. Explorations and Surveys. (A)
- and **Woodruff, Israel Carl** (U. S. M. A., 1836). Report of the survey of the northern and western boundary line of the Creek country, 1849. Explorations and Surveys. Washington, 1858. O.
- Skinner, Charles R.** (of New York). Member of Board of Visitors to U. S. M. A. in 1884.
- Skinner, J. S.** (of Maryland). Member of Board of Visitors to U. S. M. A. in 1825 and in 1833.
- Skinner, Dr. John A.** (of Indiana). Member of Board of Visitors to U. S. M. A. in 1860.
- Slayden, James L.** (of Texas). Member of Board of Visitors to U. S. M. A. in 1860.
- Slemmer, Adam Jacoby** (U. S. M. A., 1850). Died Oct. 7, 1868, aged 40. Engraving (by J. C. Buttre) owned by Assoc. Grads. U. S. M. A.
- Photograph in Albums of officers' mess.
- Slicer, Henry** (of Maryland). Member of Board of Visitors to U. S. M. A. in 1867.
- Sloan, Ithamar C.** (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1870.
- Slocum, Henry Warner** (U. S. M. A., 1852). Died Apr. 14, 1894, aged 67. Portrait (oil painting by R. Creiplac) in memorial hall, West Point.
- Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Engraving (by Atlantic Publishing and Engraving Company) owned by Assoc. Grads. U. S. M. A.
- Bronze equestrian statue (by McMonnies). Erected in Brooklyn, N. Y., 1902.
- Equestrian statue. Gettysburg, Pa.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1894. (A)
- In memoriam. In Twenty-fifth reñnon of the Army of the Cumberland, Chattanooga, Tenn., September, 1895. p. 162. Cincinnati, 1896. (A)
- Member of Board of Visitors to U. S. M. A. in 1870 and in 1888.
- Gettysburg thirty years after. *In North Amer. Rev.*, vol. 152, February, 1891.
- Slocum, Col. John S.** (of Rhode Island). Member of Board of Visitors to U. S. M. A. in 1860.
- Small, Michael Peter** (U. S. M. A., 1855). Died Aug. 1, 1892, aged 61. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1893. (A)
- Smalley, Henry Adams** (U. S. M. A., 1854). Died May 13, 1888, aged 54. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1888. (A)
- A defenseless sea-board. *In North Amer. Rev.*, vol. 138, March, 1884.
- Assistant editor *New York Star*, 18—.
- Smedberg, William R.** (of California). Member of Board of Visitors to U. S. M. A. in 1897.
- Smith, Albert** (of New Hampshire). Member of Board of Visitors to U. S. M. A. in 1863.
- Smith, Alfred Theophilus** (U. S. M. A., 1860). Photograph in Albums of officers' mess.
- Smith, Andrew Jackson** (U. S. M. A., 1835). Died Jan. 28, 1897, aged 82. Portrait. *Harper's New Monthly Mag.*, vol. 73 (1886), p. 684. (A)
- Smith, Andrew Jackson.** Bronze medallion Washington, D. C.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1897. (A)
- Smith, Ashbel** (of Texas). Member of Board of Visitors to U. S. M. A. in 1848.
- Smith, Augustus W.** (of Connecticut). Member of Board of Visitors to U. S. M. A. in 1851.
- Smith, Cavanar** (of Florida). Member of Board of Visitors to U. S. M. A. in 1850.
- Smith, Charles Ferguson** (U. S. M. A., 1825). Died April 25, 1862, aged 50. Portrait (oil painting by T. H. Smith). Presented by Mr. H. C. Baird. In memorial hall, West Point.
- Adjutant U. S. M. A., Sept. 1, 1831, to Apr. 1, 1838.
- Commandant of cadets U. S. M. A., 1833-1842.
- Smith, Charles Sidney** (U. S. M. A., 1866). Densimeter for determining specific gravity of metals, p. 304; B. Rodman guns into 8-inch rifles, tubes, p. 400. Rept. Chief of Ord., 1877. (C)
- Prussia and Austria, rifle, 12.25 inch. Rept. Chief of Ord., 1878, p. 89. (C)
- Powders, report on experimental cannon, p. 85; Report on, English pebble, p. 88. Rept. Chief of Ord., 1879. (C)
- Experimental cannon, progress report on, powders, p. 51; Mortar and howitzers, principal European in 1880, p. 500. Rept. Chief of Ord., 1880. (C)
- Test of Firth & Sons steel for army guns, p. 127; Proof of, rifle, 11-inch B. L., chambered, No. 1, p. 459. Rept. Chief of Ord., 1882. (C)
- Carriage barrette for 15-inch S. B. guns and 11-inch rifle, 2 plates. Rept. Chief of Ord., 1884, p. 585. (C)
- Rifles, 12-inch and 10-inch proposed B. L., steel plate. Rept. Chief of Ord., 1885, p. 387. (C)
- Report on the manufacture of wrought-iron tubes. Ord. Note 62, vol. 2, p. 493. (A)
- Translator of European rifled siege howitzers and mortars. Ord. Note 68, vol. 3, p. 534.
- Report on the principal dimensions and elements of fire of the most powerful rifled guns existing or proposed at the commencement of the year 1880, with tables. Ord. Note 135, vol. 5. (A)
- and **Birnie, Rogers** (U. S. M. A., 1872), translators. Fabrication of cannon in Russia. Notes Constr. Ord., No. 21, vol. 1, p. 1. (A)
- and **Hobbs, Frank Emery** (U. S. M. A., 1878), translators. Recapitulation of tests on cast-steel hoops made at the Turin Foundry. Notes Constr. Ord., No. 2, vol. 1, p. 1. (A)
- Mechanical experiments on the resistance of metals for cannon. Notes Constr. Ord., No. 4, vol. 1, p. 1. (A)
- Verification of the hooping for cannon in the Italian service. Notes Constr. Ord., No. 5, vol. 1, p. 1. (A)
- The resistance of hollow cylinders and of cannon. Notes Constr. Ord., No. 6, vol. 1, p. 1. (A)
- Special elasticity. Experiments to determine its value, and deductions concerning its application for increasing the advan-

- tage derived from the use of hoops in gun construction. Notes Const. Ord., No. 11, vol. 1, p. 1. (A)
- Smith, Edmund Dickinson** (U. S. M. A., 1879). Died Feb. 5, 1900, aged 44. Obituary in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Exercises in geometry. West Point, 1896. 1 vol., O., 53 pp. (A)
- Smith, Edmund Kirby** (U. S. M. A., 1845). Died Mar. 28, 1893, aged 60. Engraving (by O'Neill) owned by Assoc. Grads. U. S. M. A.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Smith, Francis Henney** (U. S. M. A., 1833). Died Mar. 21, 1890, aged 78. Obituary in Ann. Assoc. Grads. U. S. M. A., 1890. (A)
- Member of Board of Visitors to U. S. M. A. in 1856.
- Lecture on the history of mathematics. Lexington, Va., 1841. 1 vol., O., pp. 35. (A)
- Works on arithmetic, 1845 and 1846.
- Works on algebra, 1848.
- The regulations of military institutions, applied to the conduct of common schools. New York, 1849. 1 vol., O., pp. 32. (A)
- Best methods of conducting common schools, 1849.
- Elementary treatise on algebra . . . Philadelphia, 1850. 1 vol., O. (A)
- College reform. 1850.
- Scientific education in Europe. Report to the legislature of Virginia. 1859.
- Presidential election, 1872 . . . 1 vol., O. 1872. (A)
- The inner life of the V. M. I. cadet; its responsibilities and its privileges. Lexington, 1873. 1 vol., O., pp. 52. (A)
- West Point fifty years ago. New York, 1879
- translator. Biot (J. B.): Analytical geometry. 1840.
- Smith, Frederic Augustus** (U. S. M. A., 1833). Treasurer U. S. M. A. Sept. 12, 1846, to Mar. 25, 1848.
- Instructor of practical engineering, U. S. M. A., 1846-1848.
- Smith, Gustavus Woodson** (U. S. M. A., 1842). Died June 24, 1896, aged 76. Engraving (by Atlantic Publishing and Engraving Company) owned by Assoc. Grads. U. S. M. A.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1897. (A)
- Notes on life insurance. New York, 1876. 1 vol., O., pp. 204. (A)
- Life insurance: How to find out what a life insurance company owes you . . . New York, 1878. 1 pam., O. (A)
- Confederate war papers. Fairfax Court House, New Orleans, Seven Pines, Richmond, and North Carolina . . . 2d ed. New York, 1884. 1 vol., O. (A)
- The battle of Seven Pines. New York, 1891. 1 vol., O. (A)
- Gen. J. E. Johnston and G. T. Beauregard at the battle of Manassas. New York, 1892. 1 vol., O., pp. 45. (A)
- Smith, Gustavus Woodson.** Company A, Corps of Engineers, U. S. Army, 1846-1848, in the Mexican war . . . 1 pam., O. 1896. (A)
- Reply to Fry's Review of Smith's Confederate war papers. Jour. Mil. Serv. Inst. U. S., vol. 6, p. 157. (A)
- Journal of march, Matamoros to Tampico. No. 598, doc. 13. (C)
- Smith, Henry Lyon** (U. S. M. A., 1839). Died Sept. 13, 1853, aged 38. Project, plan, estimate, etc., for the improvement of Sabine Pass, Tex. Rept. Chief of Eng., 1875, vol. 1, p. 945. (C)
- Smith, J. Augustine** (of New York). Member of Board of Visitors to U. S. M. A. in 1829.
- Smith, Jared Augustine** (U. S. M. A., 1862). Photograph in Albums of officers' mess.
- Project, plan, estimate, etc., for the improvement of Plymouth Beach and Harbor, Mass. Rept. Chief of Eng., 1868, p. 804; 1869, p. 411; 1870, p. 456. (C)
- Taunton River, Mass. Rept. Chief of Eng., 1868, pp. 805, 806. (C)
- Huron (Lake), harbor of refuge on. Rept. Chief of Eng., 1871, p. 44; 1872, pp. 220, 221, 222. (C)
- Wabash River. Rept. Chief of Eng., 1878, p. 838. (C)
- Kankakee River, Ill. and Ind. Rept. Chief of Eng., 1879, p. 1458; 1880, pp. 1844, 1846. (C)
- Michigan City Harbor, Ind. Rept. Chief of Eng., 1882, pp. 1590, 1592, 1593; 1882, pp. 2260, 2264. (D)
- New Buffalo Harbor, Mich. Rept. Chief of Eng., 1882, pp. 2275, 2276, 2279. (C)
- Portland Harbor, Me. Rept. Chief of Eng., 1886, p. 540; 1887, p. 449; 1888, pp. 385, 386; 1890, p. 444; 1892, pp. 518, 542, 543. (C)
- Moose-a-Bec River. Rept. Chief of Eng., 1887, p. 439. (C)
- York Harbor, Me. Rept. Chief of Eng., 1887, p. 462; 1888, p. 393; 1892, p. 526. (C)
- St. Johns River, at Big Rapids, Me. Rept. Chief of Eng., 1887, p. 473. (C)
- St. Georges River, Me. Rept. Chief of Eng., 1887, p. 475. (C)
- Matinicus Isle, Me., with view to a harbor of refuge at. Rept. Chief of Eng., 1887, p. 477. (C)
- Belamy River, N. H. Rept. Chief of Eng., 1887, p. 486; 1889, p. 541; 1891, p. 606; 1892, p. 528. (C)
- Belfast Harbor, Me. Rept. Chief of Eng., 1888, p. 382; 1890, pp. 18, 435, 456; 1891, p. 580; 1892, p. 508. (C)
- Saco River, Me. Rept. Chief of Eng., 1888, p. 391; 1889, p. 535. (C)
- Bayaduce (Bagaduce) River, Me., between the towns of Penobscot and Brooksville. Rept. Chief of Eng., 1888, pp. 399, 402; 1892, p. 502. (C)
- Rockport Harbor, Me. Rept. Chief of Eng., 1888, p. 410; 1892, p. 510. (C)
- Pembroke Harbor, Me. Rept. Chief of Eng., 1889, p. 546. (C)
- Monhegan Island Harbor, Me. Rept. Chief of Eng., 1889, p. 548. (C)

- Smith, Jared Augustine.** Project, plan, estimate, etc., for the improvement of Hampton River, N. H. Rept. Chief of Eng., 1889, p. 550. (C)
- Harriseeket River, Me. Rept. Chief of Eng., 1889, p. 551; 1892, p. 510. (C)
- Camden Harbor, Me. Rept. Chief of Eng., 1890, p. 430; 1891, p. 588; 1892, p. 509. (C)
- Union River and Bay, Me. Rept. Chief of Eng., 1890, pp. 492, 493. (C)
- St. Croix River, Me. Rept. Chief of Eng., 1890, pp. 496, 497; 1892, p. 494. (C)
- Pleasant River, Me., from Columbia Falls to its mouth. Rept. Chief of Eng., 1890, p. 470; 1891, p. 574. (C)
- Sullivan Falls, Hancock County, Me. Rept. Chief of Eng., 1891, p. 33. (C)
- Blue Hill Harbor, Me. Rept. Chief of Eng., 1891, p. 614. (C)
- Pepperell Cove, Me. Rept. Chief of Eng., 1891, p. 616. (C)
- Lubec Channel, Me. Rept. Chief of Eng., 1891, p. 618. (C)
- Vermilion Harbor, Ohio. Rept. Chief of Eng., 1892, p. 2500. (C)
- Toledo Harbor. Rept. Chief of Eng., 1893, p. 3053. (A)
- Sandusky Harbor, Ohio. Rept. Chief of Eng., 1895, pp. 3084, 3086. (A)
- Ashtabula Harbor, Ohio. Rept. Chief of Eng., 1895, p. 3122. (A)
- harbor lines in Fairport Harbor, Ohio. Rept. Chief of Eng., 1895, p. 3131. (A)
- Fairport Harbor, Ohio. Rept. Chief of Eng., 1896, p. 2950. (A)
- Conneaut Harbor, Ohio. Rept. Chief of Eng., 1896, p. 2970. (A)
- Maumee River, Ohio, harbor lines. Rept. Chief of Eng., 1896, p. 3092. (A)
- Raisin River, Monroe County, Mich. Rept. Chief of Eng., 1897, p. 3095. (A)
- Maumee River and Bay, Ohio. Rept. Chief of Eng., 1898, p. 2693. (A)
- Starve Island Reef, Ohio. Rept. Chief of Eng., 1898, p. 2705. (A)
- Black River (Lorain) Harbor, Ohio. Rept. Chief of Eng., 1898, p. 2718. (A)
- Port Clinton Harbor, Ohio. Rept. Chief of Eng., 1900, p. 4035. (A)
- Lake Erie harbors, breakwaters. Rept. Chief of Eng., 1900, p. 4084. (A)
- White River, map of the, from its mouth to Bedford, Ind., on the East Fork, and to Gosport, Ind., on the West Fork (in 17 sheets). 1878.
- Smith, John L.** (of U. S. Army). Member of Board of Visitors to U. S. M. A. in 1834 and in 1838.
- Smith (Joseph Bryce).** (U. S. M. A., 1829.) Died Apr. 16, 1901, aged 93. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Smith, Larkin** (U. S. M. A., 1835). Died Dec. 3, 1884, aged 70. Obituary in Ann. Assoc. Grads. U. S. M. A., 1885. (A)
- Smith, Martin Luther** (U. S. M. A., 1842). Died July 29, 1866, aged 47. Project, plan, estimate, etc., for the improvement of Savannah River and Harbor, Ga. Rept. Chief of Eng., 1853, p. 737. (C)
- Smith, Martin Luther.** Project, plan, estimate, etc., for the improvement of Mississippi River to the Atlantic. Rept. Chief of Eng., 1876, vol. 1, pp. 511, 523, 524, 537, 538, 539, 540, 541, 542, 543. (C)
- and Hardeastle, Edmund La Fayette (U. S. M. A. 1846). Reports on survey of valley of Mexico, without map. No. 520, doc. 10. (C)
- Same, with map. No. 551, doc. 11. (C)
- Smith, Melancthon** (U. S. M. A., 1851). Died Nov. 1, 1881, aged 53. Obituary in Ann. Assoc. Grads. U. S. M. A., 1882. (A)
- Editor Pascagoula (Miss.) Democrat-Star, 1874-1876.
- Editor Mobile (Ala.) Cycle, 1876.
- Editor Mobile News, 1877.
- Smith, Morgan L.** (of New York). Member of Board of Visitors to U. S. M. A., 1830.
- Smith, Richard Somers** (U. S. M. A., 1834). Died Jan. 23, 1877, aged 64. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- Quartermaster U. S. M. A. Dec. 1, 1846, to Jan. 31, 1851, and Apr. 1, 1851, to Sept. 1, 1855.
- Manual of topographical drawing. 1853.
- Manual of linear perspective. 1857.
- Smith, Samuel B.** (of U. S. Army). Member of Board of Visitors to U. S. M. A. in 1832.
- Smith, Samuel Stanhope** (U. S. M. A., 1818). Died Sept. 10, 1828, aged —. Lectures . . . delivered . . . in the College of New Jersey; on . . . moral and political philosophy . . . 2 vols., O. 1812. (A)
- Smith, William Farrar** (U. S. M. A., 1845). Died Feb. 28, 1903, aged 79. Engraving (by A. H. Ritchie). Owned by Assoc. Grads. U. S. M. A.
- Photograph in Albums of officers' mess.
- Report of a reconnaissance of a route for a road from San Antonio to El Paso, dated May 25, 1849 [and] Report of a reconnaissance of the Sacramento Mountains, dated Oct. 3, 1849. Washington, 1850.
- Project, plan, estimate, etc., for the improvement of Easton Point Harbor, Md. Rept. Chief of Eng., 1885, p. 890. (C)
- Chincoteague Bay to Delaware Bay. Rept. Chief of Eng., 1885, pp. 897, 899, 904. (C)
- Tuckahoe Creek, Md. Rept. Chief of Eng., 1885, p. 910. (C)
- Duck Creek, Del. Rept. Chief of Eng., 1887, p. 850. (C)
- Fairlee Creek, Md. Rept. Chief of Eng., 1887, p. 850. (C)
- Battery Island, Chesapeake Bay. Rept. Chief of Eng., 1887, p. 804. (C)
- St. Jones River, Del. Rept. Chief of Eng., 1893, p. 1229; 1900, p. 1662. (A)
- Pocomoke River, Md. Rept. Chief of Eng., 1893, p. 1234. (A)
- Christiana River, Del. Rept. Chief of Eng., 1895, p. 1147. (A)
- Mahon River, Del. Rept. Chief of Eng., 1895, p. 1150. (A)

- Smith, William Farrar. Project, plan, estimate, etc., for the improvement of Broadkill River, Del. Rept. Chief of Eng., 1895, p. 1151. (A)
- Hunting Creek, Va. Rept. Chief of Eng., 1895, p. 1159. (A)
- internal waterway extending from Franklin City southward to Cape Charles, Va. Rept. Chief of Eng., 1895, p. 1158. (A)
- Rock Hall Harbor, Md. Rept. Chief of Eng., 1895, p. 1163; 1900, p. 1670. (A)
- Nanticoke River, Del. Rept. Chief of Eng., 1895, p. 1166. (A)
- Susquehanna River, Md. Rept. Chief of Eng., 1895, p. 1169. (A)
- Appoquinimink and Blackbird creeks. Rept. Chief of Eng., 1896, pp. 890, 892. (A)
- Christiana River and Wilmington Harbor, Del. Rept. Chief of Eng., 1899, p. 974. (A)
- Mispillion River, Del. Rept. Chief of Eng., 1897, p. 1292; 1901, pp. 1395, 1398. (A)
- Cedar Creek, Del. Rept. Chief of Eng., 1897, p. 1294. (A)
- La Trappe River, Md. Rept. Chief of Eng., 1897, p. 1296. (A)
- Elk River, Md. Rept. Chief of Eng., 1900, p. 1665. (A)
- Queenstown Harbor, Md. Rept. Chief of Eng., 1900, p. 1673. (A)
- Claiborne Harbor, Md. Rept. Chief of Eng., 1900, p. 1677. (A)
- Tyaskin Creek, Md. Rept. Chief of Eng., 1900, p. 1681. (A)
- Smyrna River, Del. Rept. Chief of Eng., 1901, pp. 1361, 1363. (A)
- Havre de Grace Harbor, Md. Rept. Chief of Eng., 1901, pp. 1392, 1393. (A)
- To General Sherman. In *North Amer. Rev.*, vol. 143, August, 1886. (A)
- From Chattanooga to Petersburg under Generals Grant and Butler. A contribution to the history of the war, and a personal vindication . . . Boston and New York, 1893. 1 vol., O. (A)
- Report of a board of army officers upon the claim of . . . Gen. William F . . . Smith . . . that he and not General Rosecrans originated the plan for the relief of Chattanooga in October, 1863 . . . Washington, 1901. 1 vol., O. (A)
- Reconnaissance of routes from San Antonio to El Paso. *Explorations and Surveys.*
- Smith. See Boards—Smith; Barlow, 2; Houston, 5, 6, 10, 13, 14; Robert, 3; Weitzel, 4. See Commissions—Smith. (A)
- Smith, William Frederick (U. S. M. A., 1869). Died Jan. 23, 1898, aged 52. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Smith, William Harvey (U. S. M. A., 1883). Died July 1, 1898, aged 38. *Obituary and portrait in Ann. Assoc. Grads. U. S. M. A.*, 1899. (A)
- Comment on Bernard's marching and camping cavalry. *Jour. Cav. Assoc.*, 1889, p. 168. (A)
- Post instruction, p. 25; Note on the training of recruits, p. 342. *Jour. Cav. Assoc.*, 1890. (A)
- Smith, William Harvey. Some observations on the German cavalry. *Jour. Cav. Assoc.*, 1891, p. 289. (A)
- Notes on training remounts, p. 177; Methods of carrying the carbine mounted, p. 415. *Jour. Cav. Assoc.*, 1892. (A)
- Gaits and gaiting of horses. *Jour. Cav. Assoc.*, 1893, p. 48. (A)
- Officers' patrols. *Jour. Cav. Assoc.*, 1894, p. 211. (A)
- Saber and revolver. *Jour. Cav. Assoc.*, 1897, p. 93. (A)
- Comment on Queries on the cavalry equipment, p. 108; The new cavalry drill regulations, p. 525. *Jour. Mil. Serv. Inst. U. S.*, vol. 14. (A)
- Comment on Management of a post hospital. *Jour. Mil. Serv. Inst. U. S.*, vol. 15, p. 1008. (A)
- Smith, William Proctor (U. S. M. A., 1857). Died Aug. 27, 1895, aged 61. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1896. (A)
- Smith, William Sydney (U. S. M. A., 1839). Died Nov. 6, 1849, aged 30. William Sydney Smith (by J. Barrow). 2 vols. 1845. *In War Dept. Library.*
- Smither, Henry Carpenter (U. S. M. A., 1897). Map of country west of West Point, July 9, 1902 (100 feet contours). Scale, 4 inches = 1 mile; size, 8 x 9½ inches. (A)
- Smoke, Samuel Aaron (U. S. M. A., 1887). Some advantages of military drill. *In Yale Sci. Monthly*, vol. 9 (1902), p. 59.
- Smyth, William (of Maine). Member of Board of Visitors to U. S. M. A. in 1834.
- Snow, Josiah (of Arkansas). Member of Board of Visitors to U. S. M. A. in 1866.
- Soulé, Frank, jr. (U. S. M. A., 1866). Photograph in Albums of officers' mess.
- Sparks, William A. J. (of Illinois). Member of Board of Visitors to U. S. M. A. in 1883.
- Spencer, Eugene Jocard (U. S. M. A., 1882). See Boards—Merrill, 5.
- Spillman, Baldwin Day (U. S. M. A., 1878). Engraving (by Atlantic Publishing and Engraving Company, New York) owned by Assoc. Grads. U. S. M. A.
- Spinks, Marcellus Garner (U. S. M. A., 1898). Notes on target practice. *Jour. U. S. Art.*, vol. 17, p. 264.
- Spotswood, John B. (of Delaware). Member of Board of Visitors to U. S. M. A. in 1856.
- Springett, Howard Abraham (U. S. M. A., 1877). Photograph in Albums of officers' mess.
- Sprole, William Thomas. Chaplain and professor of geography, history, and ethics, 1847-1856.
- Spurgin, William Fletcher. Photograph in Albums of officers' mess.
- Treasurer U. S. M. A. 1881-1898.
- Quartermaster U. S. M. A. May 23, 1898, to May 9, 1899.
- Adjutant U. S. M. A. June 6 to June 18, 1898.
- Squier, George Owen (U. S. M. A., 1887). Electrochemical effects due to magnetization . . . 1 pam., O. 1893. (A)

- Squier, George Owen** The International Electrical Congress of 1893, and its artillery lessons, p. 1; Coast Artillery fire instruction, p. 243; Some tests of the magnetic qualities of gun steel, p. 559. Jour. U. S. Art., vol. 3.
- Notice of Trowbridge's What is electricity? Jour. U. S. Art., vol. 7, p. 122.
- A United States Government Pacific cable, Jour. U. S. Art., vol. 13, p. 152.
- The new polarizing photo-chronograph at the U. S. Artillery School. Jour. U. S. Art., vol. 6, p. 271.
- An alternating current range on position finder. Jour. U. S. Art., vol. 7, p. 12.
- Motion of a gun during recoil (Volunteer Signal Corps) and Crehore. A horizontal-base range and position finder for coast artillery. Jour. U. S. Art., vol. 10, p. 248.
- and Crehore, A. C. Experimental determination of the motion of projectiles inside the bore of a gun, with the polarizing photo-chronograph. Jour. U. S. Art., vol. 5, p. 325.
- Stacy, Lucian** (U. S. M. A., 1806). Died Sept. 4, 1898, aged 28. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Stager, Gen. A.** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1881.
- Stanley, David Sloan** (U. S. M. A., 1852). Died Mar. 13, 1902, aged 74. Engraving (by J. C. Buttre) owned by Assoc. Grads. U. S. M. A.
- Bronze medallion. In memorial hall.
- Report on the Yellowstone expedition of 1873. Washington, 1874. O. Explorations and Surveys.
- Address before the Society of the Army of the Cumberland, September, 1896. In Twenty-sixth reunion of the Army of the Cumberland, Rockford, Ill., September, 1896, p. 46. Cincinnati, 1897. (A)
- Stanley, Wright C.** Member of Board of Visitors to U. S. M. A. in 1834.
- Stanton, Fredrick P.** (of Kansas). Member of Board of Visitors to U. S. M. A. in 1861.
- Stanton, Henry.** Quartermaster U. S. M. A. May 30, to Sept. 19, 1818.
- Member of Board of Visitors to U. S. M. A. in 1827.
- Stanton, R. I.** (of Ohio). Member of Board of Visitors to U. S. M. A. in 1869.
- Stanton, William Sanford** (U. S. M. A., 1805). Project, plan, estimate, etc., for the improvement of Penobscot River, Me. Rept. Chief of Eng., 1874, vol. 2, pp. 332, 335, 342. (C)
- Ocracoke River, N. C. Rept. Chief of Eng., 1893, p. 1359. (A)
- Fishing Creek, N. C. Rept. Chief of Eng., 1893, p. 1377. (A)
- Potohunk River, N. C. Rept. Chief of Eng., 1893, p. 1452. (A)
- Durhams Estuary, N. C. Rept. Chief of Eng., 1893, p. 1455. (A)
- breakwater to protect town of Beaufort, N. C. Rept. Chief of Eng., 1893, p. 1457. (A)
- Ocracoke Inlet, N. C. Rept. Chief of Eng., 1894, p. 947. (A)
- Stanton, William Sanford.** Project, plan, estimate, etc., for the improvement of Turners Cut, N. C. Rept. Chief of Eng., 1895, p. 1387. (A)
- Scuppernon River, N. C. Rept. Chief of Eng., 1895, p. 1391. (A)
- Tar River, N. C. Rept. Chief of Eng., 1895, p. 1395. (A)
- South Creek, N. C. Rept. Chief of Eng., 1895, p. 1396. (A)
- Drum Inlet, N. C. Rept. Chief of Eng., 1895, p. 1372. (A)
- Cove Sound, N. C. Rept. Chief of Eng., 1895, p. 1373. (A)
- Cape Lookout Harbor of Refuge, N. C. Rept. Chief of Eng., 1895, p. 1376. (A)
- Alligator River, N. C. Rept. Chief of Eng., 1895, p. 1385. (A)
- North East Cape Fear River, N. C. Rept. Chief of Eng., 1895, p. 1386. (A)
- Cape Fear River, above Fayetteville, N. C. Rept. Chief of Eng., 1896, p. 1444. (A)
- Mohawk River, N. Y. Rept. Chief of Eng., 1897, p. 3305. (A)
- harbor at Alexandria Bay, N. Y. Rept. Chief of Eng., 1897, p. 3312. (A)
- Oak Orchard Harbor, N. Y. Rept. Chief of Eng., 1897, p. 3314. (A)
- Missisquoi River, Vt. Rept. Chief of Eng., 1897, p. 3320. (A)
- locks in the Oswego Canal, N. Y. Rept. Chief of Eng., 1897, p. 3324. (A)
- Platte, reconnaissance of routes in and leading from the Department of the, 1875, 1876, and 1877. Topographical map.
- Instructor of practical engineering, U. S. M. A., 1881-1885.
- Two photographs of a double lock spar bridge constructed by cadets of first class U. S. M. A., West Point, N. Y., within forty minutes; one of Company E, Battalion of Engineers, and one of its noncommissioned officers, July and August, 1883. 4 sheets.
- Project, plan, estimate, etc., for protection of site of Fort Niagara, N. Y. Rept. Chief of Eng., 1896, p. 527. (A)
- See Boards—Stanton, 1; Stickney, 6.
- Starring, William Sylvanus** (U. S. M. A., 1805). Died Feb. 12, 1889, aged 48. Obituary in Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Staughton, William** (of the District of Columbia). Member of Board of Visitors to U. S. M. A. in —.
- Steele, Charles Lee** (U. S. M. A., 1879). Died Jan. 18, 1900, aged 43. Obituary in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Steele, George W.** (of Indiana). Member of Board of Visitors to U. S. M. A. in 1883, in 1889, and in 1896.
- Steele, Matthew Forney** (U. S. M. A., 1883). Notes on the competition for 1886. Jour. Cav. Assoc., 1889, p. 422. (A)
- Fourth of July exercises. Jour. Cav. Assoc., 1892, p. 418. (A)
- Military reading. Jour. Cav. Assoc., 1895, p. 93. (A)
- The troop mounted and in garrison. Jour. Cav. Assoc., 1896, p. 17. (A)

- Steele, Matthew Forney.** Comment on The post mess. Jour. Mil. Serv. Inst. U. S., vol. 15, p. 790. (A)
- Discipline: Its importance, etc. Jour. Mil. Serv. Inst. U. S., vol. 17, p. 1. (A)
- Comment on Pettit's Proper military instruction of officers. Jour. Mil. Serv. Inst. U. S., vol. 20, p. 430. (A)
- Steele, S.** (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1830.
- Steele, William** (U. S. M. A., 1840). Died Jan. 12, 1885, aged 66. Obituary in Ann. Assoc. Grads. U. S. M. A., 1885. (A)
- Steever, Edgar Zell** (U. S. M. A., 1871). Photograph in Albums of officers' mess.
- Secretary of the Intercontinental Railway Commission.
- Stephoe, Edward Jenner** (U. S. M. A., 1837). Died Apr. 1, 1865, aged 49. Photograph in Albums of officers' mess.
- Sterling, J. W., L. D.** (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1876.
- Stevens, Edward A.** (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1860.
- Stevens, Edward Godfrey** (U. S. M. A., 1870). Died Apr. 10, 1901, aged 54. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Stevens, Isaac Ingalls** (U. S. M. A., 1839). Died Sept. 1, 1862, aged 44. Engraving (by J. C. Buttre) owned by Assoc. Grads. U. S. M. A.
- Relieves A. A. Humphreys as assistant in charge of Coast Survey office. U. S. Coast Survey Rept., 1849, p. 54. (A)
- Services in organizing the office, p. 53; Report on office, pp. 129-131. U. S. Coast Survey Rept., 1850. (A)
- Campaigns of the Rio Grande and Mexico, 1851; being a review of Ripley's History of the Mexican war. New York, 1851. 1 vol., O., pp. 108.
- Office, pp. 5, 59; Savannah River map, p. 34; Report on lithographic transfers, p. 108. U. S. Coast Survey Rept., 1852. (A)
- On Professor Walker's death, p. *107; Resigns as assistant in charge, pp. 14-80. U. S. Coast Survey Rept., 1853. (A)
- Report on the northern route, 1853-1855. In Report on explorations and surveys . . . for a railroad from the Mississippi River to the Pacific Ocean, 1853-1855, vol. 1.
- Final report. Ibid, vol. 12, book 1. (C)
- Report of explorations made by him in 1853-54 while governor of Washington Territory for a route for the Pacific Railroad near the forty-seventh and forty-ninth parallels of north latitude from St. Paul, Minn., to Puget Sound, published by order of Congress, 1855.
- Point Wilson light. U. S. Coast Survey Rept., 1855, p. 408. (A)
- Bache (A. D.): Remarks on the career of Gen. I. I. Stevens. U. S. Coast Survey Rept., 1862, p. 431. (A)
- Stevens, Walter Husted** (U. S. M. A., 1848.) See U. S. Coast Survey Rept., 1861, p. 64. (A)
- Stevenson, Adlai E.** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1877.
- Stevenson, Carter Littlepage** (U. S. M. A., 1838). Died Aug. 15, 1888, aged 71. Obituary in Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Stevenson, J. W.** (of U. S. Senate). Member of Board of Visitors to U. S. M. A. in 1873.
- Stevenson, John D.** (of Missouri). Member of Board of Visitors to U. S. M. A. in 1866.
- Stewart, Cecil** (U. S. M. A., 1886). Photograph in Albums of officers' mess.
- Stewart, Charles** (of U. S. Navy). Member of Board of Board of Visitors to U. S. M. A. in 1841.
- Stewart, Charles** (U. S. M. A., 1880), et al. Memorials relative to illegal removal from service. No. 836, doc. 8. (C)
- Stewart, Charles Seaforth** (U. S. M. A., 1846). Photograph in Albums of officers' mess.
- Chester Harbor, Pa. Rept. Chief of Eng., 1866, vol. 3, p. 22; 1866, vol. 4, pp. 225, 226; 1868, p. 701. (C)
- Project, plan, estimate, etc., for the improvement of Marcus Hook Harbor, Pa. Rept. Chief of Eng., 1866, vol. 3, pp. 22, 31; 1866, vol. 3, pp. 221, 222, 223; 1871, pp. 78, 687. (C)
- Delaware Breakwater, Del. Rept. Chief of Eng., 1866, vol. 3, p. 23; 1866, vol. 4, p. 230. (C)
- Reedy Island, Port Penn, Del. Rept. Chief of Eng., 1868, p. 705. (C)
- Listons Tree Point (Delaware River). Rept. Chief of Eng., 1868, pp. 706-708. (C)
- Pacific Coast Harbor of Refuge. Rept. Chief of Eng., 1873, p. 1147. (C)
- Trinidad Harbor, Cal. Rept. Chief of Eng., 1873, p. 1147. (C)
- El Estero (near Santa Barbara), Cal. Rept. Chief of Eng., 1873, p. 1150. (C)
- Santa Cruz, Cal. Rept. Chief of Eng., 1874, vol. 2, p. 377. (C)
- Noonday Rock (San Francisco Harbor). Rept. Chief of Eng., 1875, vol. 2, pp. 716, 722. (C)
- San Diego Harbor, Cal. Rept. Chief of Eng., 1879, vol. 2, pp. 627, 628, 632. (C)
- San Joaquin River, Cal. Rept. Chief of Eng., 1878, p. 1302. (C)
- San Luis Obispo, Cal. Rept. Chief of Eng., 1879, p. 1760. (C)
- San Luis Obispo Harbor, Cal. Rept. Chief of Eng., 1879, pp. 1767, 1769. (C)
- San Buenaventura Harbor, Cal. Rept. Chief of Eng., 1879, pp. 1771, 1772. (C)
- Statements with reference to the effect of the "Robbins process" for preserving piles from the attacks of the *Teredo navalis* and *Limnoria terebrans*, at San Francisco Harbor, Cal. 1 vol., O.
- See Boards—Stewart; Alexander, 1, 2, 3, 4, 5, 6, 7; Mendell, 1; Williamson, 1, 2, 3, 4, 5.
- Stewart, George H.** (of Maryland). Member of Board of Visitors to U. S. M. A. in 1842.
- Stewart, Merch Bradt** (U. S. M. A., 1890). The N'th Foot in war, . . . New York, 1900. 1 vol., O. (A)
- Stewart, Reid T.** (U. S. M. A., 1871). Died Aug. 27, 1872, aged 22. Obituary in Ann. Assoc. Grads. U. S. M. A., 1873. (A)

Stickney, Amos (U. S. M. A., 1804). Project, plan, estimate, etc., for the improvement of New Orleans, La. Rept. Chief of Eng., 1882, p. 1390. (C)

— Bayou Grand Caillon, La. Rept. Chief of Eng., 1882, p. 1410. (C)

— Atchafalaya River, La. Rept. Chief of Eng., 1882, p. 1410; 1884, p. 1285. (C)

— West Pearl River, La. Rept. Chief of Eng., 1883, p. 1130. (C)

— Grand Lake, La. Rept. Chief of Eng., 1883, p. 1131. (C)

— Bogue Chito River, Miss. and La. Rept. Chief of Eng., 1883, p. 1133. (C)

— Tchefuncte River, La. Rept. Chief of Eng., 1884, p. 1270. (C)

— Sabine Pass, Tex. Rept. Chief of Eng., 1884, p. 1285. (C)

— Natalbany River, La. Rept. Chief of Eng., 1884, p. 1290; 1888, p. 1440. (C)

— Ohio River. Rept. Chief of Eng., 1887, pp. 1890, 1900. (C)

— Salt River, Ky. Rept. Chief of Eng., 1888, p. 1700. (C)

— Bridges crossing the Wabash and White rivers, Ind. Rept. Chief of Eng., 1888, p. 2648. (C)

— Dunkirk Harbor, N. Y. Rept. Chief of Eng., 1890, p. 2807; 1891, p. 2878. (C)

— Niagara River, N. Y., from Tonawanda to Port Day. Rept. Chief of Eng., 1892, p. 2544. (C)

— Ohio River at or near Elizabethtown, Ill. Rept. Chief of Eng., 1893, p. 2519. (A)

— Harbor at Evansville, Ind. Rept. Chief of Eng., 1893, p. 2521; 1895, p. 2388. (A)

— Little Miami River, Ohio. Rept. Chief of Eng., 1893, p. 2526. (A)

— Raccoon River, Ohio. Rept. Chief of Eng., 1893, p. 2530. (A)

— Allegheny River between the dam at Tarentum and Herr Island Dam, Pa. Rept. Chief of Eng., 1893, p. 2536. (A)

— Crawfish and Mill creeks, Ohio. Rept. Chief of Eng., 1894, p. 1890. (A)

— Elizabethtown Harbor, Ill. Rept. Chief of Eng., 1896, p. 2123. (A)

— Missouri River (Huntsdale, Mo.). Rept. Chief of Eng., 1900, p. 2847. (A)

— Photographs showing work on Kempe, Evergreen, and Hard Times levees, Kempe Bend, etc. Improvement of the Mississippi River. 6 sheets. 1885.

— Project, plan, estimate, etc., for location of movable dams Nos. 2, 3, 4, and 5, Ohio River. Rept. Chief of Eng., 1896, p. 2120. (A)

— See Boards—Stickney; Comstock, 21; Gillespie, 4; King, 1, 2; Merrill, 4, 5; Poe, 7, 9; Suter, 1. See Commissions—Stickney; Comstock, 3; Gillespie, 1, 2, 3, 4, 5, 6. (A)

Stivers, Charles Bryant (U. S. M. A., 1856). Validity of retirement of, etc. No. 2826, doc. 1942. [NOTE.—Pages 2-7 of this report were transposed in printing so as to appear as pages 2-7 of No. 1943, following.] (C)

Stockle, George Edward (U. S. M. A., 1888). Mountain scouting. Jour. Cav. Assoc., 1893, p. 150. (A)

— Military instruction in colleges. Jour. Cav. Assoc., 1899, p. 41. (A)

Stockton, Philip (U. S. M. A., 1852). Died Mar. 25, 1879, aged 47. Obituary in Ann. Assoc. Grads. U. S. M. A., 1879. (A)

Stockton, Richard G. (U. S. M. A., 1890). Died June 14, 1874, aged 59. Obituary in Ann. Assoc. Grads. U. S. M. A., 1875. (A)

Stockton, T. Member of Board of Visitors to U. S. M. A. in 1827.

Stockton, Thomas Baylies Whitmarsh (U. S. M. A., 1827). Died Dec. 9, 1890, aged 88. Obituary in Ann. Assoc. Grads. U. S. M. A., 1891. (A)

Stockton, Col. William Telfair (of Florida), (U. S. M. A., 1834). Member of Board of Visitors to U. S. M. A. in 1849.

Stokes, James Hughes (U. S. M. A., 1835). Died Dec. 27, 1890, aged 77. Obituary in Ann. Assoc. Grads. U. S. M. A., 1891. (A)

— In memoriam. In Twenty-second reunion of the Army of the Cumberland, Columbus, Ohio, September, 1891, p. 169. Cincinnati, 1892. (A)

Stokes, Mountfort (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1830.

Stone, Charles Pomroy (U. S. M. A., 1845). Died Jan. 24, 1887, aged 63. Engraving (by Atlantic Publishing and Engraving Company, New York) owned by Assoc. Grads. U. S. M. A.

— Photograph in Albums of officers' mess.

— Obituary in Ann. Assoc. Grads. U. S. M. A., 1887. Harper's New Monthly Mag., vol. 74 (1887), p. 830. (A)

— Author of various military, statistical, and geographical papers, 1860-1878.

— Washington on the eve of the war. Century Mag., vol. 26, p. 458.

— Introductory letter to diary of an American girl in Cairo during the war of 1882, p. 288; The bombardment of Alexandria (rejoinder, by Stone Pasha), p. 953. Century Mag., vol. 28.

— Military affairs in Egypt. Jour. Mil. Serv. Inst. U. S., vol. 5, p. 154. (A)

Stoneman, George (U. S. M. A., 1846). Died Sept. 5, 1894, aged 72. Portrait (oil painting). Presented by his wife. In memorial hall, West Point.

— Engraving (by J. C. Buttre) owned by Assoc. Grads. U. S. M. A.

— Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1895. (A)

Storer, William H. (U. S. M. A., 1832). Died Aug. 21, 1878, aged 67. Obituary in Ann. Assoc. Grads. U. S. M. A., 1879. (A)

Story, John Patten (U. S. M. A., 1895). Elements of elastic strength of guns: A text-book . . . 1 vol., O. 1894. [Artillery School, U. S.] (A)

— Notice of Blair's translation of Pashkevitch's Resistance of guns to tangential rupture. Jour. U. S. Art., vol. 1, p. 281.

— Review of Lloyd and Hadcock's Artillery: Its progress and present position. Jour. U. S. Art., vol. 3, p. 530.

- Story, John Patten.** Notice of Merriman's A text-book on the mechanics of materials and of beams, columns, and shafts. Jour. U. S. Art., vol. 6, p. 121.
 — Seacoast mortar fire. [Report of a board.] Jour. U. S. Art., vol. 7, p. 287.
 — Report as inspector of artillery, Department of the East, July 30, 1901. Jour. U. S. Art., vol. 10, p. 321.
- Stotsenburg, John Miller** (U. S. M. A., 1881). Died Apr. 23, 1899, aged 41. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
 — The Fort Donelson campaign. Jour. Cav. Assoc., 1897, p. 417. (A)
- Stout, Harry Howard** (U. S. M. A., 1895). Report on operations at the California Powder Works. Rept. Chief of Ord., 1900.
- Street, Nathaniel Heath** (U. S. M. A., 1825). Died July 6, 1876, aged 72. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Stretch, John Franklin** (U. S. M. A., 1899). Photograph in Albums of officers' mess.
 — War without declaration. Pub. U. S. Inf. Soc., vol. 1, No. 2 (June, 1894).
 — Comment on Mounted infantry. Jour. Mil. Serv. Inst. U. S., vol. 13, p. 123. (A)
- Strong, Frederick Smith** (U. S. M. A., 1880). Field artillery practice grounds. Jour. Mil. Serv. Inst. U. S., vol. 19, p. 239. (A)
- Strong, George Crockett** (U. S. M. A., 1857). Died July 30, 1863, aged 30. Cadet life at West Point. 1862.
- Strother, James F.** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1850.
- Stuart, James Ewell Brown** (U. S. M. A., 1854). Died May 12, 1864, aged 31. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
 — The life and campaigns of commander of the cavalry of the Army of Northern Virginia (by H. B. McClellan). O. 1885. (A)
 — Gen. J. E. B. Stuart (by John C. Ropes). Atlantic Monthly, vol. 57 (1886), p. 415.
 — In Some Federal and Confederate commanders. Reprinted from Atlantic Monthly, March, 1886. In War Dept. Library.
- Stuart, Sidney Edwin** (U. S. M. A., 1880). Died Apr. 29, 1899, aged 42. Photograph in Albums of officers' mess.
 — Obituary in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
 — In memoriam. 1899. 1 pam., O. (A)
 — Manufacture of steel forgings at Midvale Steel Company. Rept. Chief of Ord., 1880, p. 227. (C)
 — For modern guns and other ordnance purposes, essay on manufacture of, steel, p. 645; Manufacture of steel for projectiles, p. 651; Manufacture of steel for armor plate, p. 654. Rept. Chief of Ord., 1893. (C)
 — Report of inspections of powders. Rept. Chief of Ord., 1894. (C)
 — Report of inspections of powders at Wilmington, Del. Rept. Chief of Ord., 1896. (C)
 — translator. A study of the wave pressures produced by explosives in a closed chamber. Notes Constr. Ord. No. 66, vol. 3, p. 1. (A)
- Stuart, Sidney Edwin, translator.** A study of the mode of combustion of explosives (by M. Vieille). Notes Constr. Ord. No. 72.
 — Coast artillery organization. Jour. Mil. Serv. Inst. U. S., vol. 12, p. 1224. (A)
 — Army organization, etc. [Prize essay.] p. 231; Comment on The three battalion organization, p. 1031. Jour. Mil. Serv. Inst. U. S., vol. 14. (A)
 — See Boards—Kains, 7.
 — See West Point, maps, 1885.
- Sturgeon, Sheldon** (U. S. M. A., 1861). Died July 24, 1892, aged 54. Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Sturgis, James Garland** (U. S. M. A., 1875.) Died June 25, 1876, aged 22. Obituary in Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- Sturgis, Samuel Davis** (U. S. M. A., 1849). Died Sept. 28, 1880, aged 67. Obituary in Ann. Assoc. Grads. U. S. M. A., 1890. (A)
- Sturgis, Samuel Davis, jr.** (U. S. M. A., 1884). Photograph in Albums of officers' mess.
- Sullivan, Thomas Crook** (U. S. M. A., 1856). Reports as Commissary-General, U. S. Army, 1867.
- Sully, Alfred** (U. S. M. A., 1841). Died Apr. 27, 1879, aged 58. Engraving (by Atlantic Publishing and Engraving Company, New York) owned by Assoc. Grads. U. S. M. A.
 — Obituary in Ann. Assoc. Grads. U. S. M. A., 1879; Harper's New Monthly Mag., vol. 59 (1879), p. 315. (A)
 — Manual for noncommissioned officers U. S. Army. Philadelphia, 1861. 1 vol., O. (A)
- Sulzer, William** (of New York). Member of Board of Visitors to U. S. M. A. in 1902.
- Sumner, General.** Member of Board of Visitors to U. S. M. A. in 1824.
- Sumner, W. G.** Member of Board of Visitors to U. S. M. A. in 1886.
- Sunderland, Rev. Byron, D. D.** (of the District of Columbia). Member of Board of Visitors to U. S. M. A. in 1871.
- Suter, Charles Russell** (U. S. M. A., 1862). Project, plan, estimate, etc., for the bridge across the Missouri River at Kansas City, Mo. Rept. Chief of Eng., 1869, pp. 303, 304. (C)
 — Project, plan, estimate, etc., for the improvement of Western rivers. Rept. Chief of Eng., 1871, pp. 58, 310, 382, 385; 1872, p. 349; 1873, pp. 57, 489, 490; 1874, vol. 1, pp. 379, 371; 1875, vol. 1, pp. 67, 519; 1876, vol. 1, p. 622; 1877, pp. 79, 497. (C)
 — White, Black, Little Red, and St. Francis rivers, Ark. Rept. Chief of Eng., 1873, p. 492; 1874, vol. 1, p. 63; 1876, vol. 1, p. 626; 1878, pp. 62, 661, 662, 663. (C)
 — White and St. Francis rivers, Ark. Rept. Chief of Eng., 1873, p. 492; 1886, p. 1378. (C)
 — Arkansas River at Fort Smith, and from Fort Smith to Wichita, Kans. Rept. Chief of Eng., 1878, p. 658; 1879, pp. 1081, 1082, 1086, 1088. (C)
 — Gasconade River, Mo. Rept. Chief of Eng., 1880, p. 1466. (C)

Suter, Charles Russell. Project, plan, estimate, etc., for the improvement of Nishnabotana River, Iowa. Rept. Chief of Eng., 1883, p. 1737, 1885, p. 1643. (C)

——— Bridge of the Sioux City and Pacific Railroad Company. Rept. Chief of Eng., 1883, p. 1603. (C)

——— Bridge of the Nebraska Railroad Company at Nebraska City. Rept. Chief of Eng., 1885, p. 2465. (C)

——— Missouri River from old mouth of Platte River to the city of Leavenworth, also at the city of Weston, Mo. Rept. Chief of Eng., 1891, p. 2229. (C)

——— Kansas River, Kans. Rept. Chief of Eng., 1893, p. 2293. (A)

——— Walnut Bend, Ark. Rept. Chief of Eng., 1894, p. 1591. (A)

——— San Francisco Harbor, Cal. Rept. Chief of Eng., 1898, p. 2024. (A)

——— Plymouth Harbor, Mass. Rept. Chief of Eng., 1899, p. 1089. (A)

——— Mystic River, Mass. Rept. Chief of Eng., 1899, p. 1099. (A)

——— piers and breakwater, Rockport, Mass. Rept. Chief of Eng., 1900, p. 1177. (A)

——— Beverly Harbor, Mass. Rept. Chief of Eng., 1900, p. 1182. (A)

——— Winthrop Harbor, Mass. Rept. Chief of Eng., 1900, p. 1219. (A)

——— Cohasset Harbor, Mass. Rept. Chief of Eng., 1900, p. 1221. (A)

——— Sandwich Harbor, Mass. Rept. Chief of Eng., 1900, p. 1224. (A)

——— Lynn Harbor, Mass. Rept. Chief of Eng., 1901, pp. 1002, 1093. (A)

——— Boston Harbor, Mass. Rept. Chief of Eng., 1901, pp. 1097, 1098. (A)

——— Photographic views illustrating methods employed and appliances used under his direction in the improvement of the Missouri River at Nebraska City. 6 sheets. 1879.

——— Photographic views Nos. 1 to 15, inclusive, illustrating work of improvement on Missouri River under his direction. To accompany his annual report for 1880. 15 sheets.

——— Photographs of U. S. snag boat *John N. Macomb*, employed in the improvement of the Mississippi, Missouri, and Arkansas rivers. 3 sheets.

——— See Boards—Suter; Barnard, 5, 6; Comstock, 4, 16, 18; Macomb, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30; Simpson, 2, 4, 5, 6, 7, 8, 9; Tower, 7. See Commissions—Suter; Comstock, 1, 2, 3; Gillmore, 1, 2. (A)

Swain, David L. (of North Carolina). Member of Board of Visitors to U. S. M. A. in 1895.

Swartwout, Henry (U. S. M. A., 1832). Died July 1, 1852, aged 41. Quartermaster U. S. M. A., May 18, 1837, to Sept. 1, 1842.

Sweitzer, Nelson Bowman (U. S. M. A., 1853). Died Mar. 7, 1898, aged 60. Obituary in Ann. Assoc. Grads. U. S. M. A., 1898. (A)

Swift, Alexander Joseph (U. S. M. A., 1830). Died Apr. 24, 1847, aged 37. Portrait (a colored lithograph) in possession of Dr. L. C. Swift, Pittsfield, Mass.

Swift, Alexander Joseph. His sword in possession of Dr. L. C. Swift, Pittsfield, Mass.

——— Instructor of practical engineering U. S. M. A., 1841-1849.

——— Treasurer U. S. M. A., Dec. 19, 1845, to Sept. 12, 1846.

Swift, Eben (U. S. M. A., 1879). Sabers or revolvers. Jour. Cav. Assoc., 1888, p. 18. (A)

——— The new revolver. Jour. Cav. Assoc., 1893, p. 85. (A)

——— Military geography of Chile. See Military geography. Lectures in department of military art. Inf. and Cav. School Fort Leavenworth, Kans. 1893-1895. (A)

——— Field orders and reports. Fort Leavenworth, 1894. 1 pam., O. (A)

——— Review of Carter's Horses, saddles, and bridles. Jour. Cav. Assoc., 1895, p. 73. (A)

——— History of the Fifth Regiment of Cavalry. Hist. U. S. Army, pp. 221-231. (A)

——— Review of Gould's Modern pistol and revolvers. Jour. Mil. Serv. Inst. U. S., vol. 15, p. 628. (A)

——— The lyceum at Fort Agawam. Jour. Mil. Serv. Inst. U. S., vol. 20, p. 233. (A)

——— See Wagner, Arthur Lockwood (U. S. M. A., 1875). Strategic operations.

Swift, G. Member of Board of Visitors to U. S. M. A. in 1819.

Swift, Henry A. (of Minnesota). Member of Board of Visitors to U. S. M. A. in 1864.

Swift, Joseph Gardner (U. S. M. A., 1802). Died July 23, 1865, aged 82. Portrait (oil painting by Thomas Sully). Presented by the Corps of Engineers. In the Cadet Mess Hall.

——— Commission as cadet in the Second Regiment of Artillerists and Engineers, May 12, 1800. Swift MS. (A)

——— Third Superintendent from July 31, 1812, to Mar. 24, 1814. Reports as Supt. U. S. M. A., 1812-1814.

——— Reports as Chief Engineer, 1812-1818. (C)

——— Member of Board of Visitors to U. S. M. A. in 1820, 1821, 1822, and 1824.

——— Two articles on West Point in the National Intelligencer, about 1854, are mentioned in a letter of Colonel Thayer's, Feb. 5, 1854. Culhum MSS., U. S. M. A.

——— Manuscripts deposited in the library U. S. M. A. by his family, through Dr. L. C. Swift (1902). [Much of the above has been copied and is bound] (A)

——— Ellery (H.): The memoirs of Gen. J. G. Swift, LL. D., U. S. Army, first graduate of the U. S. M. A. . . . [Born 1783; died 1865.] (A)

Swift, Joseph Gardner (U. S. M. A., 1806). Died Mar. 2, 1871, aged 28. Obituary in Ann. Assoc. Grads. U. S. M. A., 1871. (A)

Swift, William Henry (U. S. M. A., 1819). Died Apr. 7, 1879, aged 79. Portraits: (1) A fine crayon drawing; (2) a photograph. Owned by Dr. L. C. Swift, Pittsfield, Mass.

——— Obituary in Ann. Assoc. Grads. U. S. M. A., 1879. (A)

——— Member of Board of Visitors (inspection) to U. S. M. A. in 1843.

- Swift, William Henry. Project, plan, estimate, etc., for the improvement of Bridgeport Harbor, Conn. Rept. Chief of Eng., 1871, p. 788. (C)
- The Chicago Historical Society owns some 500 of his letters.
- Swords, Thomas (U. S. M. A., 1829). Died Mar. 20, 1886, aged 79. Portrait (oil painting). Presented by Mrs. Thomas Swords. In cadet mess hall.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1886. (A)
- Sydenham, Alvin Humphrey (U. S. M. A., 1889). Died Sept. 10, 1893, aged 26. Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Mountain cannon. Jour. Cav. Assoc., 1891, p. 64. (A)
- translator of Gun's Ordnance manufacture in France. Jour. Mil. Serv. Inst. U. S., vol. 14, p. 1291. (A)
- Sykes, George (U. S. M. A., 1842). Died Feb. 8, 1880, aged 57. Engraving (by J. C. Buttrey) owned by Assoc. Grads. U. S. M. A.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Act of Congress Feb. 17, 1880, appropriates money to remove the remains of General Sykes to West Point. (A)
- Symmes, John Cleves (U. S. M. A., 1847). Died Mar. 16, 1895, aged 70. Obituary in Ann. Assoc. Grads. U. S. M. A., 1895. (A)
- Symonds, Henry Clay (U. S. M. A., 1853). Died Nov. 30, 1900, aged 68. Photograph in Albums of officers' mess.
- Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Abstract of the elements of U. S. history. [Sing Sing, 1886.] 1 vol., O., pp. 109. (A)
- Report of a commissary of subsistence, 1861-1865. . . . 1 vol., O., 1888. (A)
- Tabular system of education: Abstract of the elements of geography. New York, 1888-89. (A)
- Abstract of the elements of arithmetic. New York, 1888-89. (A)
- Abstract of the elements of English grammar. New York, 1888-89. (A)
- Abstract of the elements of algebra and of trigonometry. New York, 1888-89. (A)
- Geography: Arranged for the use of schools.
- Symons, Thomas Williams (U. S. M. A., 1874). Itineraries and tables of distances, with a list of posts, location, etc., in the Department of the Columbia. 120 pp., map. Vancouver Barracks, 1881.
- Report of an examination of the upper Columbia River and the territory in its vicinity in September and October, 1881. Roy. O. Washington, 1882. Explorations and Surveys. (A)
- Project, plan, estimate, etc., for the improvement of Tillamook Bay and Bar, Ore. Rept. Chief of Eng., 1890, p. 2980. (C)
- Umpqua River, Ore. Rept. Chief of Eng., 1890, p. 3007; 1891, p. 3169. (C)
- Coquille River, Ore. Rept. Chief of Eng., 1891, p. 3148; 1892, p. 2665. (C)
- Symons, Thomas Williams. Project, plan, estimate, etc., for the improvement of Columbia River (upper), Wash. Rept. Chief of Eng., 1891, p. 3224; 1892, p. 2716. (C)
- ship channel between Port Townsend Bay, Puget Sound, and Oak Bay, Wash. Rept. Chief of Eng., 1891, p. 3260. (C)
- North River, Wash. Rept. Chief of Eng., 1891, p. 3265. (C)
- Skagit, Steilaquamish, Nootsack, Snohomish, and Snoqualmie rivers, Wash. Rept. Chief of Eng., 1891, p. 3272. (C)
- Coos Bay, Ore. Rept. Chief of Eng., 1891, p. 3285. (C)
- Nasel River, Wash. Rept. Chief of Eng., 1891, p. 3296. (C)
- Grays Harbor and Bar, Wash. Rept. Chief of Eng., 1891, p. 3302. (C)
- Snake River (upper), Idaho. Rept. Chief of Eng., 1891, p. 3888. (C)
- Nehalem Bay and Bar, Ore. Rept. Chief of Eng., 1892, p. 2707. (C)
- Swinomish Slough, Wash. Rept. Chief of Eng., 1892, p. 2750. (C)
- Chetco River, Ore. Rept. Chief of Eng., 1893, p. 3429. (A)
- Rogue River, Ore. Rept. Chief of Eng., 1893, p. 3433. (A)
- Alsea River, Ore. Rept. Chief of Eng., 1893, p. 3441. (A)
- Nestugga River, Ore. Rept. Chief of Eng., 1893, p. 3446. (A)
- Kootenai River, Idaho. Rept. Chief of Eng., 1893, p. 3456. (A)
- Spokane River, Idaho. Rept. Chief of Eng., 1893, p. 3458. (A)
- Everett Harbor, Wash. Rept. Chief of Eng., 1893, p. 3465. (A)
- harbor lines at ports in State of Washington. Rept. Chief of Eng., 1893, p. 3474. (A)
- Zaquina Bay, Ore. Rept. Chief of Eng., 1895, p. 3450. (A)
- Clallam Bay, Wash. Rept. Chief of Eng., 1895, p. 3457. (A)
- Hoods Canal to North Bay in Puget Sound, Wash. Rept. Chief of Eng., 1895, p. 3467. (A)
- Bellingham Bay, Wash. Rept. Chief of Eng., 1895, p. 3472. (A)
- Okanogan River, Wash. Rept. Chief of Eng., 1895, p. 3475. (A)
- Flathead and Pend d'Oreille rivers, Mont. Rept. Chief of Eng., 1895, p. 3480. (A)
- North River, Wash. Rept. Chief of Eng., 1895, p. 3485. (A)
- Port Orford, Ore. Rept. Chief of Eng., 1895, p. 3492. (A)
- Nootsack River, Ore. Rept. Chief of Eng., 1895, p. 3510. (A)
- Nooksack River, Wash. Rept. Chief of Eng., 1895, p. 3511. (A)
- Grays Harbor and its bar entrance, Wash. Rept. Chief of Eng., 1895, pp. 3517, 3528. (A)
- waterway connecting the waters of Puget Sound, at Salmon Bay, with Lakes

- Union and Washington. Rept. Chief of Eng., 1896, p. 3356. (A)
- Symons, Thomas Williams.** Project, plan, estimate, etc., for the improvement of Erie Harbor, Pa. Rept. Chief of Eng., 1897, p. 3238. (A)
- Buffalo entrance to Erie Basin and Black Rock Harbor, N. Y. Rept. Chief of Eng., 1897, p. 3246. (A)
- locks of the Erie Canal, N. Y. Rept. Chief of Eng., 1897, p. 3251. (A)
- Dunkirk Harbor, N. Y. Rept. Chief of Eng., 1900, p. 4118. (A)
- Tonawanda Harbor and Creek, N. Y. Rept. Chief of Eng., 1900, p. 4152. (A)
- North Tonawanda, N. Y., harbor lines. Rept. Chief of Eng., 1900, p. 4159. (A)
- St. Lawrence River, N. Y., harbor lines. Rept. Chief of Eng., 1902, p. 2338. (A)
- A ship canal from the Great Lakes to the sea. Rept. Chief of Eng., 1897.
- Project, plan, estimate, etc., for the establishment of harbor lines in Erie Basin and Black Rock Harbor, Buffalo, N. Y. Rept. Chief of Eng., 1901, p. 3351. (A)
- The Army and the exploration of the West. Jour. Mil. Ser. Inst. U. S., vol. 4, p. 205. (A)
- See Boards—Allen, 2a; Barlow, 2; Handbury, 1; Mendell, 13, 16; Sears, 1; Smith, 1.
- Taber, Henry Sheldon** (U. S. M. A., 1873). Died Apr. 12, 1894, aged 45. Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Notes on the Continental Iron Works. Essayons Club Papers, No. 32. 1874. (A)
- Project, plan, estimate, etc., for the improvement of Black River, Ark. and Mo. Rept. Chief of Eng., 1885, p. 247; 1888, p. 1403; 1892, p. 1690. (C)
- Petit Jean River, Ark. Rept. Chief of Eng., 1885, p. 1630; 1888, p. 1491; 1889, pp. 1653, 1654; 1892, p. 1653. (C)
- Cache River, Ark. Rept. Chief of Eng., 1887, p. 1548; 1891, p. 2053. (C)
- Little River, Mo., from Homersville to its junction with the St. Francis. Rept. Chief of Eng., 1887, p. 1549; 1888, p. 1911; 1892, p. 1697. (C)
- St. Francis River, Ark. and Mo. Rept. Chief of Eng., 1887, p. 1550. (C)
- bridges crossing the Petit Jean, Cache, St. Francis, Ark. Rept. Chief of Eng., 1888, p. 2635. (C)
- Fourche la Pave River, Ark. Rept. Chief of Eng., 1889, p. 1655. (C)
- Current River, Mo. Rept. Chief of Eng., 1891, p. 2096. (C)
- Saline Lake, Ark. Rept. Chief of Eng., 1893, p. 2123. (A)
- Arkansas River, map of the, from Little Rock, Ark., to the mouth (in 22 sheets). 1886.
- Talcott, Andrew** (U. S. M. A., 1815). Died Apr. 22, 1883, aged 86. Obituary in Ann. Assoc. Grads. U. S. M. A., 1883. (A)
- See Boards—Totten, 1.
- See Courtenay (E. H.), in Jour. Franklin Inst., October, 1838, p. 217 [concerning Talcott's invention of the zenith telescope, etc.].
- Talcott, George Henry** (U. S. M. A., 1800). Died June 8, 1854, aged 43. Reports as Chief of Ord. U. S. Army, 1848-51.
- Taliaferro, James P.** (of Florida). Member of Board of Visitors to U. S. M. A. in 1824.
- Talmage, ———** (of New York). Member of Board of Visitors to U. S. M. A. in 1824.
- Tappan, Gen. James C.** (of Arkansas). Member of Board of Visitors to U. S. M. A. in 1888.
- Tardy, John Alphonse** (U. S. M. A., 1800). Project, plan, estimate, etc., for the improvement of Buffalo Harbor, N. Y. Rept. Chief of Eng., 1896, vol. 1, pp. 4, 49, 50; 1899, vol. 3, pp. 38, 39, 1899, vol. 3, p. 30, 1899, vol. 4, pp. 171, 172, 1893, 1897, p. 228. (C)
- Olcott Harbor, N. Y. Rept. Chief of Eng., 1899, vol. 3, p. 18; 1899, vol. 4, pp. 158, 159, 1897, pp. 32, 241; 1874, vol. 1, pp. 233, 240; 1876, vol. 2, p. 577. (C)
- Dunkirk Harbor, N. Y. Rept. Chief of Eng., 1899, vol. 3, pp. 18, 31; 1899, vol. 4, pp. 156, 157. (C)
- Oak Orchard Harbor, N. Y. Rept. Chief of Eng., 1899, vol. 4, p. 160. (C)
- Tate, Farish C.** (of Georgia). Member of Board of Visitors to U. S. M. A. in 1898.
- Taylor, Daniel Morgan** (U. S. M. A., 1869). Photograph in Albums of officers' mess.
- Revolver, Colt's double-action, caliber .38, description of, rules for manufacture of, trajectory and description of ammunition, p. 235; Material used in manufacture of, revolver, Colt's double action, caliber .38, p. 230; Fuse punch for Frankford Arsenal point combination fuse, description of, p. 547. Rept. Chief of Ord., 1893. (C)
- The National Guard as an effective reserve. Jour. Mil. Serv. Inst. U. S., vol. 20, p. 232.
- Taylor, Edward** (U. S. M. A., 1893). Died Dec. 26, 1899, aged 31. Obituary in Ann. Assoc. Grads. U. S. M. A., 1900.
- Taylor, Harry** (U. S. M. A., 1884). Photograph in Albums of officers' mess.
- Project, plan, estimate, etc., for the improvement of Olympia Harbor, Wash., harbor lines. Rept. Chief of Eng., 1896, p. 3393. (A)
- North Fork of Lewis River, Wash. Rept. Chief of Eng., 1897, p. 3470. (A)
- Bellingham Bay, Wash. Rept. Chief of Eng., 1897, p. 3479. (A)
- Kootenai River, Mont. Rept. Chief of Eng., 1897, p. 3482. (A)
- Snake River, Wash. Rept. Chief of Eng., 1898, p. 3914. (A)
- Neah Bay, Wash. Rept. Chief of Eng., 1898, p. 3983. (A)
- Willapa River, Wash. Rept. Chief of Eng., 1898, p. 3989. (A)
- Quillayute Harbor and River, Wash. Rept. Chief of Eng., 1898, p. 3991. (A)
- Deschutes River, Wash. Rept. Chief of Eng., 1898, p. 3994. (A)
- Duwamish River and its tributaries, Wash. Rept. Chief of Eng., 1898, p. 3103. (A)
- Skagit River, Wash. Rept. Chief of Eng., 1898, p. 3113. (A)

- Taylor, Harry.** Project, plan, estimate, etc., for the improvement of Okanogan River, Wash. Rept. Chief of Eng., 1898, p. 3121. (A)
 ——— Pend d'Oreille River, Wash. Rept. Chief of Eng., 1898, p. 3125. (A)
 ——— Portsmouth Harbor, N. H. Rept. Chief of Eng., 1901, p. 1062. (A)
 ——— Tacoma Harbor, Wash. Rept. Chief of Eng., 1901, p. 3590. (A)
 ——— See Boards—Langfitt, I; Mansfield, S.
Taylor, James (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1838.
Taylor, Joseph Hancock (U. S. M. A., 1856). Died Mar. 13, 1885, aged 49. Obituary in Ann. Assoc. Grads. U. S. M. A., 1885. (A)
Taylor, Walter Lucian (U. S. M. A., 1887). Died Sept. 18, 1898, aged 33. Obituary in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
 ——— Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
Temple, George (of Iowa). Member of Board of Visitors to U. S. M. A. in 1853.
Temple, O. P. (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1874.
Temple, Robert Emmet (U. S. M. A., 1828). Died July 20, 1854, aged 45. Reports of the Boards of Visitors to the Military Academy at West Point in June, 1830, and June, 1831. In *North Amer. Rev.*, vol. 34 (1832), pp. 240-261. (A)
Terrill, William Rufus (U. S. M. A., 1853). Died Oct. 8, 1862, aged 29. Engraving. Owned by Assoc. Grads. U. S. M. A.
Tevis, Charles Carroll [known as Washington C. Tevis when a cadet] (U. S. M. A., 1849). Died Sept. 29, 1900, aged 72. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
 ——— Newspaper correspondent in Paris, France, 1880-18—.
Thayer, M Russell (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1873.
Thayer, Russell (U. S. M. A., 1874). Movements of troops in cities in cases of riots or insurrection. 1 pam., O. 1878. (A)
 ——— Dirigible balloons. Jour. Mil. Serv. Inst. U. S., vol. 7, p. 177. (A)
 ——— See Fairmount Park.
Thayer, Sylvanus (U. S. M. A., 1808). Died Sept. 7, 1872, aged 57. Full-length portrait (oil painting by R. W. Weir) presented by officers U. S. M. A. In the Cadet Mess Hall.
 ——— Bust portrait (oil painting by Weir) presented by Sisters of Ladycliff School, Highland Falls. In memorial hall, West Point.
 ——— Oil painting presented to Dartmouth College by Colonel Thayer.
 ——— Photographic portrait, taken after 1865. In frames in the library. (A)
 ——— Statue, in granite, presented by the Association of Graduates. Southwest angle of parade ground.
 ——— Obituary in Ann. Assoc. Grads. U. S. M. A., 1873; Harper's New Monthly Mag., vol. 45 (1872), p. 947. (A)
 ——— Fifth Superintendent U. S. M. A. 1817-1833.
 ——— Correspondence with Kilian, book dealer, Paris, regarding purchases for the library U. S. M. A. MS., 1 vol., bound, Q. 1823-1829. (A)
Thayer, Sylvanus. A special report on the sea wall built in the year 1843 for the preservation of Ram Head at the northwest end of Lovells Island. Prof. Papers Corps of Eng. U. S. A., No. 2. Washington, 1844. O. (A)
 ——— Project, plan, estimate, etc., for the improvement of Boston Harbor, Mass. Rept. Chief of Eng., 1866, vol. 2, p. 33. (C)
 ——— Sylvanus Thayer (by G. W. Cullum). 1883. In War Dept. library.
 ——— Propositions and suggestions for the improvement of the U. S. M. A. In Rept. Board of Visitors U. S. M. A., 1891, pp. 774-783. (A)
 ——— Will of Sylvanus Thayer [dated July, 1871]. [u. p., u. d.] 1 vol., O., 13 pp. (A)
 ——— See Boards—Totten, I.
 ——— See Ticknor's Letters, vol. 1, pp. 373 et seq., and elsewhere.
Thom, George (U. S. M. A., 1830). Died June 29, 1891, aged 72. Obituary in Ann. Assoc. Grads. U. S. M. A., 1892. (A)
 ——— Project, plan, estimate, etc., for the improvement of Portland Harbor, Me. Rept. Chief of Eng., 1866, pp. 848, 849; 1869, pp. 448, 461; 1870, pp. 499, 506; 1871, p. 851; 1872, p. 934; 1873, pp. 1067, 1068, 1071. (C)
 ——— Saco River, Me. Rept. Chief of Eng., 1866, vol. 4, p. 194; 1867, pp. 479, 481; 1868, p. 840; 1871, p. 853; 1872, p. 936. (C)
 ——— Richmond Island, Me. Rept. Chief of Eng., 1867, pp. 48, 484; 1872, p. 935; 1876, vol. 1, p. 160; 1879, p. 257; 1880, p. 336; 1882, p. 499. (C)
 ——— Bath, Me. Rept. Chief of Eng., 1867, p. 499; 1870, p. 81; 1878, pp. 39, 197; 1879, p. 253. (C)
 ——— Union River, Me. Rept. Chief of Eng., 1867, p. 502; 1869, p. 63. (C)
 ——— St. Croix River, Me. Rept. Chief of Eng., 1867, pp. 503, 505; 1868, p. 856; 1869, p. 457; 1873, p. 1051; 1876, vol. 1, p. 152; 1877, p. 154. (C)
 ——— Penobscot River, Me. Rept. Chief of Eng., 1868, p. 860; 1869, p. 63; 1870, pp. 82, 502; 1871, p. 841; 1874, vol. 2, p. 301; 1875, vol. 2, p. 380; 1876, vol. 1, p. 155; 1878, p. 194. (C)
 ——— Kennebec River at Bath, Me., and from Augusta to lower end of Perkins Island. Rept. Chief of Eng., 1870, p. 81; 1878, p. 197; 1879, p. 253; 1882, p. 67; 1883, p. 62. (C)
 ——— Merrimac River, Mass. Rept. Chief of Eng., 1871, pp. 92, 867, 869; 1872, p. 902. (C)
 ——— Taunton River, Mass. Rept. Chief of Eng., 1871, pp. 94, 891, 892. (C)
 ——— Hyannis Harbor Breakwater, Mass. Rept. Chief of Eng., 1871, p. 95; 1872, pp. 94, 952. (C)
 ——— Provincetown Harbor, Mass. Rept. Chief of Eng., 1871, pp. 95, 808; 1872, pp. 950, 951; 1873, p. 1101; 1874, vol. 2, p. 326; 1875, vol. 1, p. 120; 1875, vol. 2, p. 416; 1876, vol. 1, pp. 47, 183. (C)
 ——— Narraguagus River, Me. Rept. Chief of Eng., 1871, p. 833. (C)
 ——— Sullivans River and Falls, Me. Rept. Chief of Eng., 1871, pp. 835, 838. (C)

Thom, George Project, plan, estimate, etc., for the improvement of Royals River, Me. Rept. Chief of Eng., 1871, pp. 846, 848. (C)

——— Cocheco River, N. H. Rept. Chief of Eng., 1871, p. 857; 1872, p. 939; 1873, p. 1070; 1876, vol. 1, p. 164. (C)

——— Fifteen Mile Falls, N. H. Rept. Chief of Eng., 1871, p. 864; 1872, p. 960. (C)

——— Wareham Harbor, Mass. Rept. Chief of Eng., 1872, pp. 94, 953. (C)

——— Duxbury Beach and Harbor, Mass. Rept. Chief of Eng., 1872, pp. 947, 994. (C)

——— Wells Harbor, Me. Rept. Chief of Eng., 1872, p. 956. (C)

——— Wellfleet Harbor, Mass. Rept. Chief of Eng., 1872, p. 972. (C)

——— Machias River, Me. Rept. Chief of Eng., 1873, pp. 74, 1053, 1103, 1104, 1154; 1874, vol. 1, p. 104; 1874, vol. 2, pp. 206, 297; 1875, vol. 1, p. 112; 1876, vol. 1, p. 153. (C)

——— Camden Harbor, Me. Rept. Chief of Eng., 1873, pp. 97, 1062, 1108; 1874, vol. 1, p. 107; 1874, vol. 2, p. 302; 1875, vol. 1, p. 114, 1876, vol. 1, p. 157. (C)

——— Salem Harbor, Mass. Rept. Chief of Eng., 1873, pp. 102, 1054, 1109, 1111; 1874, vol. 1, p. 111; 1874, vol. 2, p. 312; 1877, pp. 37, 172 (C)

——— Boston Harbor, Mass. Rept. Chief of Eng., 1873, p. 1001; 1874, vol. 2, p. 318; 1875, vol. 2, pp. 410, 418; 1878, p. 217. (C)

——— Amoscook River, Me. Rept. Chief of Eng., 1874, pp. 11, 327, 328, 329, 330. (C)

——— Plymouth Harbor, Mass. Rept. Chief of Eng., 1875, vol. 2, p. 414. 1876, vol. 1, p. 181; 1877, p. 188; 1878, p. 221; 1881, p. 528. (C)

——— Smuttys Nose Island, N. H. Rept. Chief of Eng., 1875, vol. 2, pp. 422, 423. (C)

——— Lamprey River, N. H. Rept. Chief of Eng., 1875, vol. 2, pp. 424-426. (C)

——— Exeter River, N. H. Rept. Chief of Eng., 1875, vol. 2, pp. 427, 429, 430; 1881, p. 496. (C)

——— Lake Winnepiseogee, N. H. Rept. Chief of Eng., 1875, vol. 2, pp. 431, 432. (C)

——— Ipswich River, Mass. Rept. Chief of Eng., 1876, vol. 1, pp. 199, 202; 1884, pp. 559, 561, 564; 1887, p. 495. (C)

——— Lubec Channel, Me. Rept. Chief of Eng., 1879, pp. 44, 246, 280, 282. (C)

——— Portsmouth Harbor, N. H. Rept. Chief of Eng., 1879, pp. 48, 261, 262, 282. (C)

——— Lincolnville Harbor, Me. Rept. Chief of Eng., 1879, pp. 275, 276, 277. (C)

——— Scituate Harbor, Mass. Rept. Chief of Eng., 1879, pp. 285, 290; 1881, p. 522; 1882, p. 520; 1887, p. 523. (C)

——— Charles River, Mass. Rept. Chief of Eng., 1879, p. 291. (C)

——— Moose-a-Bec River. Rept. Chief of Eng., 1880, p. 362; 1882, p. 489; 1885, p. 465. (C)

——— Cathance River, Me. Rept. Chief of Eng., 1881, p. 67; 1884, p. 495. (C)

——— Rockland Harbor, Me. Rept. Chief of Eng., 1881, pp. 471, 473; 1882, p. 492; 1886, p. 536. (C)

Thom, George Project, plan, estimate, etc., for the improvement of Richmond Harbor, Kennebec River, Me. Rept. Chief of Eng., 1881, p. 477; 1883, p. 416. (C)

——— Lamprey River, N. H. Rept. Chief of Eng., 1881, p. 498. (C)

——— Newburyport Harbor, Mass. Rept. Chief of Eng., 1881, pp. 502, 505, 509, 511. (C)

——— Malden River, Mass. Rept. Chief of Eng., 1881, pp. 532, 533; 1885, p. 519; 1886, p. 580. (C)

——— Androscoggin River (at and below Brunswick), Me. Rept. Chief of Eng., 1882, pp. 528, 530; 1884, p. 473. (C)

——— Harsiseeket River, Me. Rept. Chief of Eng., 1882, p. 531. (C)

——— Saco River Breakwater, Me. Rept. Chief of Eng., 1884, p. 484; 1885, p. 471; 1886, p. 544; 1887, p. 453. (C)

——— Sandy Bay (Rockport), Mass. Rept. Chief of Eng., 1884, p. 506. (C)

——— Shiloh, battlefield of, near Pittsburg Landing, Tenn.; showing the positions of the U. S. forces under the command of Maj. Gen. U. S. Grant, U. S. Volunteers, and Maj. Gen. D. C. Buell, U. S. Volunteers, 6th and 7th of April, 1862; surveyed under the direction of Col. George Thom, Chief of Topographical Engineers, Department of the Mississippi. Military map.

——— See Boards—Wright, 2; Bache, 1, 2, 5, 6.

Thomas, Charles William (U. S. M. A., 1855). Died Dec. 30, 1882, aged 49. Obituary in Ann. Assoc. Grads. U. S. M. A., 1883. (A)

Thomas, George Cummins (U. S. M. A., 1830). Died Dec. 2, 1882, aged 70. Obituary in Ann. Assoc. Grads. U. S. M. A., 1883; Harper's New Monthly Mag., vol. 66 (1883), p. 481. (A)

Thomas, George Henry (U. S. M. A., 1840). Died Mar. 28, 1870, aged 54. Portrait (oil painting by A. A. Lawrie) in memorial hall, West Point.

——— Oil portrait (by S. W. Price) in rooms of Senate Committee on Arid Lands, U. S. Capitol.

——— Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.

——— Photograph in Albums of officers' mess.

——— Equestrian statue (by J. Q. A. Ward). Thomas Circle, Washington, D. C. (A)

——— Obituary. Harper's New Monthly Mag., vol. 40 (1870), p. 938. (A)

——— Gen. George H. Thomas (by W. F. G. Shanks). Harper's New Monthly Mag., vol. 30 (1865), p. 754.

——— (by John McElroy). Washington, 1896. 31 pp. In War Dept. Library.

——— (by Lieut. Eli Torrance). 1897. 23 pp. In War Dept. Library.

——— (by J. Sherratt). Illinois M. O. I. L. U. S., vol. 2. In War Dept. Library.

——— (by O. O. Howard). M. O. I. L. U. S., New York, war papers. In War Dept. Library.

——— Oration on the life and character of Gen. George H. Thomas (by Gen. James A. Garfield, November, 1870). In Fourth reunion of the Army of the Cumberland, Cleveland, Ohio, p. 55. Cincinnati, 1870. (A)

- Thomas, George Henry.** Memorial address (by W. H. Lambert). Philadelphia, 1880. *In War Dept. Library.*
- *Memoir* (by R. W. Johnson). Philadelphia, 1881. *In War Dept. Library.*
- *Life of* (by T. B. Van Horne). New York, 1882. *In War Dept. Library.*
- *Sherman* (William Tecumseh), Grant, Thomas, Lee. *In North Amer. Rev.*, vol. 144. May, 1887. (A)
- *General Thomas* (by Henry Coppée). [Great commanders series] New York, 1893. (A)
- *Piatt*, (Donn): Gen. George H. Thomas: A critical biography; with concluding chapters, by Henry V. Boynton. Cincinnati, 1893.
- *Enlisted man's estimate of* (by W. H. Scott). 1894. *In War Dept. Library.*
- *His place in history* Oregon M. O. L. L. U. S., Col. T. M. Anderson. 1894. *In War Dept. Library.*
- *Portrait of*, purchase of, 1886. No. 2311; doc. 13; No. 2358, doc. 250. (C)
- *Report to Joint Committee on Conduct of the War.* *In* supplemental report-joint committee, vol. 1. No. 1241, doc. —. (C)
- *In the record.* *In* Some Federal and Confederate commanders (by T. M. Livermore). *In War Dept. Library.*
- *Corrections of Grant's memoirs regarding*. [n. d.] *In War Dept. Library.*
- *In Men who saved the Union* (by D. Piatt). *In War Dept. Library.*
- Thomas, J. B.** (of California). Member of Board of Visitors to U. S. M. A. in 1865.
- Thomas, John Addison** (U. S. M. A., 1833). Died Mar. 26, 1858, aged 47. Commandant of cadets, U. S. M. A., 1842-1845.
- Thomas, Lorenzo** (U. S. M. A., 1823). Died Mar. 2, 1875, aged 70. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1875; *Harper's New Monthly Mag.*, vol. 50 (1875), p. 923. (A)
- Member of Board of Visitors (inspection) to U. S. M. A. in 1844.
- *Reports as Adjutant-General U. S. Army*, 1861-1869.
- *Regulations for the recruiting service of the Army of the United States, both Regular and Volunteer* . . . published by order . . . by L. Thomas, Adjutant-General. War Dept., 1862. 1 vol., O., 99 pp. (A)
- *Memoir*. Washington, 1865. *In War Dept. Library.*
- Thomas, Robert Brenham** (U. S. M. A., 1852). Died Jan. 25, 1901, aged 73. *Obituary and portrait in Ann. Assoc. Grads. U. S. M. A.*, 1901. (A)
- Thompson, Alexander Ramsay** (U. S. M. A., 1812). Died Dec. 25, 1837, aged 44. *Lieut. Col. Alexander R. Thompson's monument*, West Point cemetery. 1 Lith. picture (16½ x 12 inches). (A)
- Thompson, Charles O.** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1877.
- Thompson, Henry A.** (U. S. M. A., 1819). Died Mar. 12, 1880, aged 80. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1880. (A)
- Thompson, James** (U. S. M. A., 1851). Died Feb. 14, 1880, aged 51. Photograph *in* Albums of officers' mess.
- *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1880. (A)
- Thompson, James Kaster** (U. S. M. A., 1884). *History of the Twenty-third Regiment of Infantry.* Hist. U. S. Army. pp. 602-604. (A)
- Thompson, John Charles** (U. S. M. A., 1866). Died Aug. 31, 1889, aged 43. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1890. (A)
- Thompson, John Talliaferro** (U. S. M. A., 1882). *Description of construction of viaduct at Rock Island Arsenal*, p. 394; *Electric lighting at Rock Island Arsenal recommended*, p. 399; *Rock Island Arsenal, increase of detachment recommended*, p. 399. *Rept. Chief of Ord.*, 1892. (C)
- *Repairs of bridges at Rock Island Arsenal*, p. 369; *Railroad at Rock Island Arsenal*, p. 371. *Rept. Chief of Ord.*, 1893. (C)
- *Descriptive catalogue of the ordnance museum*, U. S. M. A., West Point, 1898. 1 vol., O., 223 pp. (A)
- *Report of operations at Port Tampa City, Fla.* *Rept. Chief of Ord.*, 1898.
- *Report on tests of revolvers, caliber .38.* *Rept. Chief of Ord.*, 1899.
- *Report upon experiments to determine the effect of case hardening upon the physical qualities of receiver steel of different carbon contents; Report of principal operations at water shops at Springfield Armory.* *Rept. Chief of Ord.*, 1900. (C)
- Thompson, Newell A.** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1867.
- Thompson, Richard Edward** (U. S. M. A., 1868). *Instructions for using the heliograph of the Signal Corps, U. S. Army.* Washington, 1894. 1 vol., O., 17 pp. (A)
- Thompson, Richard P.** (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1840.
- Thomson, Frank** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1893.
- Thorington, Monroe Parker** (U. S. M. A., 1877). Died Sept. 10, 1878, aged 23. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1879. (A)
- Thoruhurgh, Thomas Tipton** (U. S. M. A., 1867). Died Sept. 29, 1879, aged 35. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1880. (A)
- Thruston, Charles Mynn** (U. S. M. A., 1814). Died February, 1873, aged 77. *Obituary in Ann. Assoc. Grads. U. S. M. A.*, 1873. (A)
- Thruston, George A.** (of Maryland). Member of Board of Visitors to U. S. M. A. in 1872.
- Thurston, L. A.** *Shali Hawaii be annexed?* [Reprint.] *Jour. U. S. Art.*, vol. 9, p. 97.
- Ticknor, George** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1826.
- Tidball, John Coldwell** (U. S. M. A., 1848). Commandant of cadets. U. S. M. A. July 10 to Sept. 22, 1864.
- *Charge of drawing division.* U. S. Coast Survey Rept., 1855, p. 101; 1856, p. 88; 1857, pp. 117, 187; 1858, pp. 118, 160, 161. (A)

- Tidball, John Coldwell.** Report of U. S. Coast Survey Rept., 1855, pp. 232-238. 1857, pp. 141, 142; 1857, pp. 195, 200. (A)
- Description of Congress map. U. S. Coast Survey Rept., 1855, pp. 253-255. (A)
- A manual of heavy artillery service, officially adopted for the use of the Army and militia of the United States, and as a text-book at the U. S. M. A. 1880
- 4th ed. By authority. 1 vol., 12. Washington, 1891. (A)
- Report of an inspection of the Artillery School, Fort Monroe, Va., . . . Washington, 1882. 1 pam., O. (A)
- Comment on Artillery administration. Jour. Mil. Serv. Inst. U. S., vol. 12, p. 661. (A)
- Artillery service in the rebellion. Jour. Mil. Serv. Inst. U. S., vol. 12, pp. 697, 952, 1211; vol. 13, pp. 276, 369, 677, 876, 1085; vol. 14, pp. 1, 397.
- Rifle target practice in the Army. Ord. Note 237, vol. 5. (A)
- Author of various professional papers.
- Tilghman, Richard Cooke** (U. S. M. A., 1828). Died Mar. 14, 1876, aged 72. Obituary in Ann. Assoc. Grads. U. S. M. A., 1876. (A)
- Tilghman, Tench** (U. S. M. A., 1822). Died Dec. 22, 1874, aged 64. Obituary in Ann. Assoc. Grads. U. S. M. A., 1875. (A)
- Memoir. Amer. Rev. Jour., 1876. In War Dept. Library.
- Tillinghast, Nicholas** (U. S. M. A., 1824). Died Apr. 9, 1856, aged 51. Engraving (by R. E. Babson). Owned by Assoc. Grads. U. S. M. A.
- Tillman, J. D.** (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1882.
- Tillman, Samuel Escue** (U. S. M. A., 1860). Photograph in Albums of officers' mess.
- Professor of chemistry, mineralogy, and geology, U. S. M. A., Dec. 21, 1886, to —.
- Librarian U. S. M. A. from Feb. 16, 1901, to July 1, 1902.
- Author of works on chemistry and heat, 1850-1889.
- The West Point oath. N. Y. Nation, May, 1885, p. 399. (A)
- Organic evolution: A lecture. 1890. U. S. M. A. Press. 1 pam., O., 36 pp. (A)
- Notes on chemical analysis of water at West Point, 1869-1897. 1 vol., O. (A)
- Elementary lessons in heat. . . 2d ed., rev. and enl. New York, 1892. 1 vol., O. (A)
- The Military Academy and the education of officers. In Jour. Mil. Serv. Inst. U. S., vol. 16 (1895), p. 324. (A)
- Historical sketch of the department of chemistry, mineralogy, and geology, U. S. M. A. In Rept. Supt. U. S. M. A., 1896, pp. 101-122. (A)
- The general value of boy training at the military schools. In Rev. of Reviews, July, 1897.
- Mineral products. Cosmopolitan Mag., October, 1897. (A)
- Acetylene. Cosmopolitan Mag., November, 1897. (A)
- Tillman, Samuel Escue.** Text-book of important minerals and rocks. . . New York, 1900. 1 vol., O., x + 176 pp. (A)
- The true soldier: an Address delivered before the V. M. C. A. at West Point. In The Outlook, Apr., 1902. (A)
- West Point and its centennial. Rev. of Reviews, July, 1902. Ill. (P)
- Organic evolution. In Pop. Sci. Monthly, vol. 7, p. 271
- Notice of Wisser's Explosive Materials. [No. 79, Van Nostrand science series.] Jour. U. S. Art., vol. 11, p. 100.
- Tilton, Henry R.** Chief medical officer U. S. M. A., 1889-1890.
- Tindall, R. M.** (of Mississippi). Member of Board of Visitors to U. S. M. A. in 1896.
- Todd, Albert** (U. S. M. A., 1877). The class of '77 at the U. S. M. A., West Point, N. Y. Cambridge, 1878. 1 vol., O., 126 pp. (A)
- Todd, Albert** (U. S. M. A., 1877). The campaigns of the rebellion. O. 1884. (A)
- The Military Academy and the education of officers. In Jour. Mil. Serv. Inst. U. S., vol. 16 (1895), p. 342. (A)
- Wind components. Jour. U. S. Art., vol. 5, p. 48.
- The heavy artillery of the future. Jour. Mil. Serv. Inst. U. S., vol. 14, p. 290. (A)
- Todd, Henry Davis** (U. S. M. A., 1890). Photograph in Albums of officers' mess.
- Todd, John Blair Smith** (U. S. M. A., 1837). Died Jan. 5, 1872, aged 57. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Todd, John W.** (U. S. M. A., 1852). Died May 10, 1878, aged 48. Obituary in Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Tolman, Thomas Murray** (U. S. M. A., 1865). Died Dec. 14, 1883, aged 42. Obituary in Ann. Assoc. Grads. U. S. M. A., 1884. (A)
- Tomlinson, John A.** Member of Board of Visitors to U. S. M. A. in 1833.
- Tompkins, Christopher Quarles** (U. S. M. A., 1836). Died May 28, 1877, aged 64. Obituary in Ann. Assoc. Grads. U. S. M. A., 1877. (A)
- Tompkins, Daniel D.** (U. S. M. A., 1820). Died Feb. 29, 1893, aged 63. Oil portrait in the possession of Brig. Gen. C. H. Tompkins, U. S. Army (retired).
- Engraving (by T. Woolnoth) owned by Assoc. Grads. U. S. M. A.
- Purchase of portrait of. No. 3072, doc. 1127. (C)
- Early fortifications around New York City. [Reprint.] Jour. U. S. Art., vol. 9, p. 164.
- Torbert, Alfred Thomas Archimedes** (U. S. M. A., 1855). Died Aug. 29, 1880, aged 47. Engraving owned by Assoc. Grads. U. S. M. A. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Torney, George H.** Chief medical officer U. S. M. A., 1894-1898.
- Torrance, Hon. Eli** (of Minnesota). Member of Board of Visitors to U. S. M. A. in 1902.
- Torrey, John.** Professor of chemistry, mineralogy, and geology U. S. M. A. 1824-1827.
- Totten, Charles Adelle Lewis** (U. S. M. A., 1873). Oration delivered before the U. S. corps of

- cadets July 4, 1872. Hartford, 1872. 1 vol., O., pp. 14. (A)
- Totten, Charles Adelle Lewis. *Strategos: A series of American games of war*. . . Vol. 2, pls., tables and statistics. New York, 1880. 1 vol., thin O. (A)
- Laws of athletics and general rules. Rev. ed. Compiled for the use of the U. S. Army. O., pam. Washington, 1891. (A)
- The Our Race Series. [Each volume containing 365 pp., approximately.] No. 1. The romance of history; lost Israel found in the Anglo-Saxons.
- No. 2. The voice of history; Joshua's long day and the dial of Ahaz.
- No. 3. The philosophy of history; Tea Tephi, Jeremiah's ward.
- No. 4. The secret of history; the King's daughters—Flight of David's line.
- No. 5. The renewal of history; Eochaidh the Heremonn—"The scarlet thread."
- No. 6. The fact of history; the deluge and the advent—Proof and guarantee.
- No. 7. The hope of history; the crisis and the millenium—At hand.
- No. 8. The riddle of history; Saint Paul and Daniel interpreted.
- No. 9. The answer of history; reply to objections—companion to Study No. 1.
- No. 10. The measure of history; a standard scale of chronology.
- No. 11. The truth of history; facts of gold. The times and seasons of Babylon.
- No. 12. The heart of history; facts of silver. Medo-Persian times and seasons.
- No. 13. The key of history; facts of copper. The times and seasons of Greece.
- No. 14. The focus of history; facts of iron. The times and seasons of Rome.
- No. 15. The man of history; facts of stone. The times of Christ.
- No. 16. The confirmation of history; the sign of the prophet Jonah. History first century A. D.
- No. 17. The canon of history; the times of the Gentiles.
- No. 18. The seal of history; or, the great seal of the United States. Vol. I.
- No. 19. Vol. II. Its significance unto us.
- No. 20. The coming crusade: Relation of our race to Israel's restoration.
- Nos. 21-24. Consolidated. "Bethel," the stone kingdom. Colored lithographic chart and explanatory study.
- Nos. 25-26. The gospel of history, with supplement. Vol. I, Matt., Mark, Luke, John interwoven and harmonized into one composite truth.
- Yale military lectures. Selected from series of 1800. First section: National and international. I (Introductory) lecture—The military outlook at home and abroad. II. Military economy, and the policy of America. III. The military problem of America, with notes on seacoast defense. IV. Organization, disorganization, reorganization, mobilization. 1 vol., ill., tables. New Haven, 1890.
- Totten, Charles Adelle Lewis. *Strategos. To which is appended a collection of studies upon military statistics as applied to war on field or map.* 2 vols., ill., 1880.
- An important question. A study of the sacred cubit of the Hebrews, as the undoubted origin of Anglo-Saxon measures. 1 vol., ill., 1887.
- The facts and fancies, legends and lore, of nativity. Ob., O. New York, 1887.
- Instructions in gnard duty. Complete, and for use upon the spot. Prepared for the Connecticut National Guard. New Haven, 1887. Limited, vest-pocket ed.
- The Our Race pamphlets. [From 16 to 64 pp. each] Midnight: The last hour of the era.
- Miscellaneous, historical, chronological.
- More light on the crucifixion date.
- An epistle; "the time is at hand."
- St. Paul's life and labors.
- The daughter of an earl; an idyl of London town. For the passover (Easter) season.
- Inspiration, and the trend of modern criticism. Construction or destruction, which?
- Answers to numerous important queries, historical, chronological, and otherwise.
- Saturday versus Sunday; the present phase of an old piece of Pharisaism.
- A conclusive argument.
- Signs of the times; a startling array.
- The church and state; a warning.
- The one year ministry demonstrated; light at last.
- The restoration of Israel; a lecture.
- Judah, Judea, and Jerusalem; the latest news; a very important paper.
- The genealogy of Mary, and other matters.
- The dividing of a time; a set of accurate colored chronological charts covering secular and sacred chronology between birth of Herod and death of John.
- The olympic scale; proved from Africanus, Censorinus, and Theon.
- The Olivet discourse; first to second advent. The Saviour's comments.
- The Wednesday theory of the week day of the crucifixion, examined.
- Jesus Christ and His contemporaries. (Easter, in New York World, revised, 1895.)
- Miscellaneous queries answered.
- The skeleton of history; explaining the chart of Daniel.
- The Gibraltar of chronology; whereon the secular dates rest.
- The calendar-almanac of all past and all future time.
- Current events; signs and designs. Important.

Totten, Charles Adelle Lewis. The Our Race pamphlets. The Eastern question; how the United States may become involved.
 — A glance into our mail bag; what we are at, as told by others.
 — The manifestation of Christ with His Israel.
 — The chart of the siege of Jerusalem.
 — An open word with an opponent.
 — "How readest thou?"
 — Timely topics, latter day parables.
 — The present situation.
 — The letters of Senius; finance.
 — Ye compact; its history, authority, and seal.
 — These times and their significance, a few words in general. An epistle.
 — This is the anti-Christ, by Eschol. Introduction by C. A. L. Totten.
 — Odds and ends, what we think about matters. We told you so.
 — The physical factors veiled in Genesis 1, 1 "Halt! who goes there?"
 — The outlook from our point of view.
 — Peter the Great's will, and a running commentary on Ezek. XXXVIII-XXXIX.
 — "Signs of the end."
 — Give the Lord no rest as to the restoration of Israel and the Jews.
 — Fourteen standard systems of chronology, analyzed. With chart. Very valuable.
 — All past time; Guinness, Dimbleby, Totten, and others. "Present truth."
 — "As it listeth;" here and there. In the world and with the word.
 — Israel in America.
 — War extra; Yale military lectures (reprint).
 — Matters of present moment.
 — More momentous matters.
 — Further matters of moment.
 — Providence; a duplex calendar.
 — Maternity. The history of Israel.
 — Flotsam and jetsam as to events now happening.
 — More as to things now on deck.
 — Further discussion of current events.
 — The conduct of the war.
 — Live topics, Au Contrant.
 — As to Anglo-Israel: a sworn statement from Professor Totten.
 — New Year thoughts; important supplement.
 — The sabbatic key; the world's age.
 — Dreams, insignia, signs.
 — The basis of Anglo-Americanism; arm for war.
 — The gospel of history; shall we publish it?
 — The New Testament; memoranda.
 — Secret satisfaction; data.
 — Medicine and faith; miscellaneous.
 — Tara's exploration.
 — The shape of the earth.
 — Arithmography; N. B.

Totten, Charles Adelle Lewis. The Our Race pamphlets. The sword of the Lord.
 — What next?
 — Ireland; new evidence as to origin.
 — China, the East and the outcome.
 — The new gospel.
 — Our present situation.
 — A controversy as to facts.
 — "All about things," expansion, biblical dates, and traces of Israel.
 — General epistolary survey; miscellaneous topics.
 — Epistolary survey and miscellaneous topics continued.
 — A Christmas souvenir (epictorial).
 — Personal documents as to Totten.
 — The Sunday school times chronology.
 — Scientific astrology.
 — The dummy watch.
 — The three great lights of history.
 — The situation. Spanish and Boer wars.
 — Epistolary comments, Zionism, etc.
 — Lot versus Abram.
 — Anarchy. In memoriam McKinley.
 — The Valensian era.
 — A thing or two about two or three things.
 — The new cycle.
 — Mortality or immortality?
 — The Tan-cross.
 Totten, Edward Harris (U. S. M. A., 1805). Died June 14, 1878, aged 33. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1879. (A)
 — Secretary of the Association of Graduates U. S. M. A. and editor of its Annuals, 1871-1874.
 Totten, James (U. S. M. A., 1841). Died Oct. 2, 1871, aged 53. Obituary in Ann. Assoc. Grads. U. S. M. A., 1872. (A)
 — Florida reef triangulation, p. 40; On screw-pile signals, p. 47. U. S. Coast Survey Rept., 1852. (A)
 — Triangulation, Key Largo and Key West, p. 62; Florida keys, p. 50, 51; Reef screw-pile signals, 173, 174. U. S. Coast Survey Rept., 1853. (A)
 — Florida reef, triangulation, p. 73; Signals, pp. 80-81, 68, 72, 157-160; Bottoms Florida section Gulf stream, p. 81; Key Biscayne and Cape Sable bases, pp. 69, 71; Station and scaffold, Mount Desert, pp. 35-36. U. S. Coast Survey Rept., 1855. (A)
 Totten, John Reynolds (U. S. M. A., 1878). Photograph in Albums of officers' mess.
 — See West Point, maps, 1885.
 Totten, Joseph Gilbert (U. S. M. A., 1805). Died Apr. 22, 1864, aged 75. Portrait (oil painting by Weir) presented by Corps of Engineers. In the library U. S. M. A.
 — Obituary in Biog. Mem. Nat. Acad. Sci., vol. 1, p. 35.
 — Member of Board of Visitors to U. S. M. A. in 1819, 1821, 1822, 1826, and 1828.
 — Reports as Chief Engineer U. S. Army and Inspector U. S. M. A., 1838-1864.

- Totten, Joseph Gilbert.** Made an inspection of the U. S. M. A. in 1846. [There was no regularly appointed Board of Visitors to the U. S. M. A. in 1846.]
- Sandy Hook changes, pp. 33, 34; Report to New York harbor commissioners, changes, etc., pp. 358-370. U. S. Coast Survey Rept., 1857. (A)
- Report on the effect of firing with heavy ordnance from casemate embrasures, and also the effects of firing against the same embrasures with various kinds of missiles. Prof. Papers Corps of Eng. U. S. A., No. 6. Washington, 1857. O. (A)
- Project, plan, estimate, etc., for the improvement of Duxbury Beach and Harbor, Mass. Rept. Chief of Eng., 1866, vol. 2, pp. 37. (C)
- Barnard (J. G.) Eulogy on . . . Maj. Gen. . . . Totten, Chief Engineer U. S. A. . . . 1 pam., O. 1866. (A)
- See Boards—Totten; Barnard, 1; Barnard, 3.
- See Treussart. Mortars.
- See U. S. Coast Survey Rept., 1856; 84, 347. (A)
- Tousard, Louis de** (organizer U. S. M. A. of 1801). The American artilleryists' companion. Philadelphia, 1809. 3 vols., O. and Q. (A)
- Tovey, Timothy Arthur** (U. S. M. A., 1875). Died Sept. 28, 1887, aged 35. Obituary in Ann. Assoc. Grads. U. S. M. A., 1888. (A)
- Tower, Zealous Bates** (U. S. M. A., 1841). Died Mar. 20, 1900, aged 81. Portrait (oil painting by Lawrie) presented by War Department, 1875. In the Cadet Mess Hall.
- Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Fifteenth superintendent from July 5 to Sept. 3, 1864. Relieved. Report as Supt. U. S. M. A., 1864.
- Report upon the practice in Europe with the heavy Armstrong, Woolwich, and Krupp rifled guns . . . Washington, 1883. 1 vol., Q. (A)
- Analytical investigation of the velocity of ice boats.
- See Boards—Tower; Barnard, 5, 6; Maccomb, 13, 14, 15, 32, 34; Simpson, 1; Wright, 1.
- Towers, John Alexander** (U. S. M. A., 1886). Died Mar. 23, 1893, aged 31. Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Townsend, Curtis McDonald** (U. S. M. A., 1879). Project, plan, estimate, etc., for the improvement of Mississippi River. Comparison of low-water soundings taken through Lake Providence Reach, 1882-1891, inclusive. Rept. Chief of Eng., 1893, p. 3786. (A)
- Mississippi River, third district. Rept. Chief of Eng., 1895, p. 3804; 1896, p. 3652. (A)
- outer harbor at Michigan City, Ind. Rept. Chief of Eng., 1897, p. 2899. (A)
- South Haven Harbor, Mich. Rept. Chief of Eng., 1897, p. 2949. (A)
- harbor of Holland (Black Lake), Mich. Rept. Chief of Eng., 1897, p. 2950. (A)
- Ludington Harbor, Mich. Rept. Chief of Eng., 1897, p. 2952. (A)
- Townsend, Curtis McDonald.** Project, plan, estimate, etc., for the improvement of Charlevoix Harbor, Mich. Rept. Chief of Eng., 1897, p. 2954. (A)
- St. Joseph and Benton harbors, Mich. Rept. Chief of Eng., 1898, p. 2499. (A)
- Kalamazoo River, Mich. Rept. Chief of Eng., 1898, p. 2537. (A)
- Mississippi River (Quincy, Ill.). Rept. Chief of Eng., 1900, p. 2759. (A)
- Mississippi River (Bellevue, Iowa). Rept. Chief of Eng., 1900, p. 2759. (A)
- Mississippi River (Lake Pepin). Rept. Chief of Eng., 1900, p. 2763. (A)
- Paper on the influence of the basins of the Mississippi River on its flood heights. Rept. Chief of Eng., 1895, p. 3601. (A)
- See Boards—Barlow, 3, 4; Lydecker, 1.
- Townsend, Edward Davis** (U. S. M. A., 1837). Died May 11, 1893, aged 76. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Reports as Adjutant-General U. S. Army, 1869-1880.
- Anecdotes of the civil war in the United States . . . New York, 1884. 1 vol., O. (A)
- Catechism of the Bible.
- See U. S. Coast Survey Rept., 1861, p. 268. (A)
- Townsend, John** (of New York). Member of Board of Visitors to U. S. M. A. in 1830.
- Townsend, Thomas Gerry** (U. S. M. A., 1871). Photograph in Albums of officers' mess.
- Townshend, R. W.** (of Illinois). Member of Board of Visitors to U. S. M. A. in 1888.
- Townsley, Clarence Page** (U. S. M. A., 1881). Photograph in Albums of officers' mess.
- Towsend, Amos** (of Ohio). Member of Board of Visitors to U. S. M. A. in 1883.
- Towsley, Charles Dennis** (U. S. M. A. 1885). Author, Port Washington, Wis.
- Towson, Nathan** (of U. S. Army). Member of Board of Visitors to U. S. M. A. in 1824, 1840, and in 1845.
- Tracy, Albert H.** Member of Board of Visitors to U. S. M. A. in 1827.
- Tranb, Peter Edward** (U. S. M. A., 1886). Photograph in Albums of officers' mess.
- On the sabre and sabre exercise, p. 297; Military gymnastic exercises, p. 348. Jour. Cav. Assoc., 1891. (A)
- English and American literature [for instruction of cadets, U. S. M. A.; chronological tables of principal authors and their works.] 1 pam. O. obl., 24 pp. [West Point, 1897.] (A)
- The Spanish verb, with an introduction on Spanish pronunciation . . . New York, 1900, 1 vol., O. (A)
- Travers, John** (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1836.
- Treadwell, Thomas James** (U. S. M. A. 1854). Died Aug. 2, 1879, aged 47. Obituary in Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Instructor of ordnance and gunnery, U. S. M. A., 1864.

Treadwell, Thomas James. Metallic cartridges . . . Washington, 1873. 1 vol., O. See *Ordinance Mem.*, No. 14.
 — Report on long-friction tubes. *Ord. Note* 13, vol. 1, p. 77. (A)
Treat, Charles Gould (U. S. M. A., 1882). Commandant of Cadets, U. S. M. A., June 15, 1901, to —.
 — Comment on Allen's Cavalry training. *Jour. Mil. Serv. Inst. U. S.*, vol. 28, p. 490.
 — Moving targets in use in the light artillery of England, Germany, France, and Italy and some forms recently tried by the light artillery battalion at Fort Riley, Kans. *Jour. U. S. Art.*, vol. 9, p. 205.
Treat, Joseph B. (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1882.
Treville, Richard D. (of South Carolina). Member of Board of Visitors to U. S. M. A. in 1884.
Trevitt, John (U. S. M. A., 1844). Died Mar. 21, 1893, aged 71. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1893. (A)
Trimble, Isaac Ridgway (U. S. M. A., 1822). Died June 2, 1888, aged 85. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1888; *Harper's New Monthly Mag.*, vol. 76 (1888), p. 945. (A)
Tripp, Frederic Amasa (U. S. M. A., 1887). Died Sept. 29, 1893, aged 29. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1894. (A)
Troost, G. (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1841.
Trowbridge, William Petit (U. S. M. A., 1845). Died Aug. 12, 1892, aged 64. Photograph in *Albums of officers' mess*.
 — Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1893; *Biog. Mem. Nat. Acad. Sci.*, vol. 3, p. 363. (A)
 — Triangulation, sec. 1, p. 32; Discussions, p. 100. *U. S. Coast Survey Rept.*, 1851. (A)
 — Triangulation, p. 17; Triangulation, sec. 3, p. 27. *U. S. Coast Survey Rept.*, 1852. (A)
 — Triangulation James River, p. 41; Western coast tides, pp. 79, 80. *U. S. Coast Survey Rept.*, 1853. (A)
 — Tidal and magnetic observations, Western coast, pp. 12, 78; Results, pp. 84, 85; Report, pp. *37, *40; Eclipse, p. 75; Meteorological observations, p. 84. *U. S. Coast Survey Rept.*, 1854. (A)
 — Reference to instruments used, etc., in California. *U. S. Coast Survey Rept.*, 1854, app. 39, pp. 37-40. (A)
 — Tide and magnetic observations, West coast, pp. 13, 98-99; Report, pp. 223-227; Nootka Sound, pp. 227-228; Earthquake waves in the Pacific, p. 34; On Bodega Bay and South Farrallou, pp. 185-189. *U. S. Coast Survey Rept.*, 1855. (A)
 — Tides, Hudson River, pp. 44-45, 94; Concluding report on western coast, tidal observations, pp. 299, 270; Relieved from coast survey duty, pp. 14, 19, 84, 348. *U. S. Coast Survey Rept.*, 1859. (A)
 — Preparation of records and results, p. 39; Experimental researches for deep-sea soundings, pp. 228-240; Review and comparison of Coast Survey progress with foreign surveys,

pp. 251-267. Periodical progress, pp. 270-273. *U. S. Coast Survey Rept.*, 1858. (A)
Trowbridge, William Petit. *Researches*, p. 17. Deep-sea sounding apparatus, pp. 39, 357-364. *U. S. Coast Survey Rept.*, 1859. (A)
 — Gulf Stream examination, pp. 72-73; Sounding apparatus, pp. 29, 71; Establishment of magnetic station at Key West Fla., pp. 71-72. Description of Key West Station, pp. 329-349. *U. S. Coast Survey Rept.*, 1860. (A)
 — Hydrography of Mount Hope and Bristol bays, R. I., p. 33; Charge of lithographic division, pp. 74-75, 175; Report on trials of sounding apparatus, pp. 135-139. *U. S. Coast Survey Rept.*, 1861. (A)
 — The profession of the mechanical or dynamical engineer. New Haven, Conn., 1879. 1 vol., O., p. 29. (A)
 — Tables and diagrams relating to noncondensing engines and boilers . . . New York, 1872. 1 pam., Q. (A)
 — Heat as a source of power, with applications of general principles of the construction of steam generators: an introduction to the study of heat engines . . . New York, 1874. 1 vol., O. (A)
 — Turbine wheels: On the inapplicability of the theoretical investigations of the turbine wheel to the modern constructions. New York, 1879.
 — Rival systems of heating. *In North Amer. Rev.*, vol. 138, February, 1884. (A)
 — Modern sanitary engineering. *North Amer. Rev.*, vol. 68, p. 756.
 — Stationary steam engines.
Turnbull, Charles Nesbit (U. S. M. A., 1854). Died Dec. 2, 1874, aged 42. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1875. (A)
Turnbull, William (U. S. M. A., 1819). Died Dec. 9, 1857, aged 57. Treatise on the strength, flexure, and stiffness of cast-iron beams and columns . . . 1 vol., O. 1852. (A)
 — Potomac Aqueduct. Hydrographic survey of the Potomac River near Georgetown, showing the position of the aqueduct, its connections with the Chesapeake and Ohio Canal on the north bank and with the Alexandria Canal on the south bank of the river. 27 sheets, in F: cover. 1832. (A)
 — Report on the survey and construction of the Alexandria [Potomac] Aqueduct. Washington, 1838.
 — Project, plan, estimate, etc., for the improvement of Olcott Harbor, N. Y. *Rept. Chief of Eng.*, 1874, vol. 1, p. 238; 1879, vol. 2, p. 577. (C)
 — Charlotte Harbor, mouth of Genesee River, N. Y. *Rept. Chief of Eng.*, 1879, vol. 2, p. 584. (C)
 — The French cavalry in 1870. *Jour. Cav. Assoc.*, 1897, p. 300. (A)
 — See Boards—Kearney, 1.
Turuer, Henry Smith (U. S. M. A., 1834). Died Dec. 16, 1881, aged 71. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1882. (A)

- Turner, John Wesley** (U. S. M. A., 1855). Died Apr. 8, 1899, aged 66. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1899. (A)
- Turner, Samuel A.** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1840.
- Turner, Thomas G.** (of Rhode Island). Member of Board of Visitors to U. S. M. A. in 1866.
- Turner, Winslow** (of Missouri). Member of Board of Visitors to U. S. M. A. in 1854.
- Turnley, Parmenas Taylor** (U. S. M. A., 1846). Address to the Mexican war veterans of Illinois. Chicago, 1877. 1 vol., O., pp. 11. (A)
- Reminiscences of Parmenas Taylor Turnley, from the cradle to three score and ten. By himself . . . 1 vol., O. Chicago [n. d., prefaced, 1892]. (A)
- Turnley's West Point and Aztec addresses. Chicago, 1902. 1 vol., O., 24 pp. (A)
- Turtle, Thomas** (U. S. M. A., 1867). Died Sept. 18, 1894, aged 50. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1895. (A)
- History of the engineer battalion. *Es-sayons Club Papers*, No. 5, 1868. (A)
- Project, plan, estimate, etc., for the improvement of Cherrystone Creek, Va. Rept. Chief of Eng., 1884, p. 955. (C)
- Wetipkin [Wehpquin] Creek, Md. Rept. Chief of Eng., 1884, p. 956. (C)
- Isle of Wight Bay, upper Synepuxent Bay, and Indian River. Rept. Chief of Eng., 1884, p. 957. (C)
- Hunting Creek, Va. Rept. Chief of Eng., 1884, p. 961. (C)
- Bayou Courtableau, La. Rept. Chief of Eng., 1885, pp. 1404, 1406; 1886, p. 219. (C)
- Buffalo River, Miss. Rept. Chief of Eng., 1885, p. 1431. (C)
- Atchafalaya River, La. Rept. Chief of Eng., 1885, p. 1433. (C)
- Gauley River, W. Va. Rept. Chief of Eng., 1888, p. 224; 1889, p. 1959; 1892, p. 2067. (C)
- European systems of defense. *Jour. Mil. Serv. Inst. U. S.*, vol. 9, p. 54. (A)
- See Boards—Barnard, 2; Comstock, 7; Craighill, 21, 25; Gillmore, 1, 2.
- Tutherly, Herbert Everett** (U. S. M. A., 1872). Score book for riflemen. 1882.
- Elementary treatise on military science and the art of war. 1897.
- Twiggs, David Emanuel** (of U. S. Army). Member of Board of Visitors to U. S. M. A. in 1836.
- Twining, William Johnson** (U. S. M. A., 1863). Died May 5, 1882, aged 42. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1882. (A)
- Ventilation of military magazines. *Es-sayons Club Papers*, No. 22, 1872. (A)
- Tyler, Charles Humphrey** (U. S. M. A., 1848). Died Mar. 17, 1882, aged 56. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1882. (A)
- Tyler, Daniel** (U. S. M. A., 1819). Died Nov. 30, 1882, aged 84. Portrait (oil painting by G. B. Matthews). Presented by his brother. In memorial hall, West Point.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1883. (A)
- School of the driver. Translated from French, 1829.
- Tyler, Daniel**. Member of Board of Visitors to U. S. M. A. in 1849.
- A memorial volume containing his autobiography and war record [privately printed]. New Haven, 1883. 1 vol., Q., pp. 186, ports. (A)
- Tyler, Robert Ogden** (U. S. M. A., 1853). Died Dec. 1, 1874, aged 43. Portrait (oil painting by W. R. Wheeler, 1875). In memorial hall, West Point.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1875. (A)
- Memorial of Bvt. Maj. Gen. R. . . O. . . Tyler, U. S. Army (by George W. Cullum); together with his journal of two months' travel in British and farther India . . . 1 vol., O. 1878. (A)
- Upham, John Jaques** (U. S. M. A., 1859). Died Oct. 21, 1898, aged 61. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1899. (A)
- Upham, W. H.** (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1901.
- Upson, W. H.** (of Ohio). Member of Board of Visitors to U. S. M. A. in 1897.
- Upton, Emory** (U. S. M. A., 1861). Died Mar. 15, 1881, aged 42. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1881; Harper's New Monthly Mag., vol. 62 (1881), p. 957. (A)
- Commandant of cadets U. S. M. A., 1870-1875.
- Tactics for nonmilitary bodies. 1870. [Rev. New York, 1874. 1 vol., O.]
- The Prussian company column . . . read before the Thayer Club of West Point, 1874. 1 pam., O. 1875. (A)
- Infantry tactics, double and single rank. Adapted to American topography and improved firearms. Rev. ed. New York, 1877.
- The armies of Asia and Europe . . . 1 vol., O. 1878. (A)
- Tactica de infanteria para una y para dos filas . . . Traducida y arreglada á las necesidades del Ejército de Colombia por H. . . R. Lemly . . . y A. . . B. Ruiz . . . Bogota, 1883. 1 vol., O. (A)
- The life and letters of (by Peter S. Michie, with an introduction by James Harrison Wilson), 12°. 1885. (A)
- Military policy of the United States. MS. See Michie's Memoir of Upton.
- Upton, Samuel** (of New Hampshire). Member of Board of Visitors to U. S. M. A. in 1862.
- Van Antwerp, Verplanck** (of Iowa). Member of Board of Visitors to U. S. M. A. in 1859.
- Van Bokkelen, L.** (of Maryland). Member of Board of Visitors to U. S. M. A. in 1862.
- Van Buren, Abraham** (U. S. M. A., 1827). Died Mar. 15, 1873, aged 66. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1873. (A)
- Van Buren, Daniel Tompkins** (U. S. M. A., 1847). Died July 16, 1890, aged 64. Photograph in Albums of officers' mess.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1891. (A)
- Hudson River triangulation, p. 38; Rappahannock triangulation and base, p. 42. U. S. Coast Survey Rept., 1853. (A)

- Vance, Capers Daniel** (U. S. M. A., 1888). Died Feb. 12, 1893, aged 30. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1893. (A)
- Vance, Joseph**. Member of Board of Visitors to U. S. M. A. in 1827.
- Van Cleve, Horatio Phillip** (U. S. M. A., 1831). Died Apr. 24, 1891, aged 81. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1891. (A)
- Van Cortlandt, Pierre** (of New York). Member of Board of Visitors to U. S. M. A. in 1829, 1831, and 1841.
- Van Deusen, George William** (U. S. M. A., 1880). The Maxim-Nordenfolt mountain guns in the Philippines. *Jour. U. S. Art.*, vol. 14, p. 1.
- Tactical use of mounted troops. *Jour. Cav. Assoc.*, 1892, p. 225. (A)
- Rapid-fire guns. *Jour. Mil. Serv. Inst. U. S.*, vol. 13, p. 75. (A)
- War ships or coast defenses? *Jour. Mil. Serv. Inst. U. S.*, vol. 15, p. 988. (A)
- Our artillery in the Mexican war. *Jour. Mil. Serv. Inst. U. S.*, vol. 17, p. 87. (A)
- translator. German artillery targets, p. 179; Engelhardt's Lecture on artillery material, p. 393; Curved fire and high explosives in foreign countries, p. 642. *Jour. Mil. Serv. Inst. U. S.*, vol. 18. (A)
- Van Dorn, Earl** (U. S. M. A., 1842). Died May 8, 1893, aged 42. Engraving owned by Assoc. Grads. U. S. M. A.
- Defense of Vicksburg. In *Official reports of battles*, 1863.
- Van Horn, James Judson** (U. S. M. A., 1858). Died Aug. 30, 1898, aged 64. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1899. (A)
- Van Rensselaer, Stephen** (of New York). Member of Board of Visitors to U. S. M. A. in 1833.
- Van Schoohoven, G.** Member of Board of Visitors to U. S. M. A. in 1834.
- Van Vliet, Stewart** (U. S. M. A., 1840). Died Mar. 28, 1901, aged 86. Portrait (oil painting by Robert Hinckley) presented by Stewart Van Vliet. In memorial hall, West Point.
- Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1901. (A)
- Member of Board of Visitors to U. S. M. A. in 1880.
- Venable, C. S.** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1878.
- Venable, Richard M.** (of Maryland). Member of Board of Visitors to U. S. M. A. in 1895.
- Vethake, —** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1828.
- Viele, Egbert Ludovickus** (U. S. M. A., 1847). Died Apr. 22, 1902, aged 77. Portrait (oil painting by J. C. Beckwith, 1900) presented by George Egbert Viele, 1901. In cadet mess hall.
- Engraving (by Atlantic Publishing and Engraving Company) owned by Assoc. Grads. U. S. M. A.
- Member of Board of Visitors to U. S. M. A. in 1886 and in 1899.
- Author of various papers on engineering, geography, sanitation, etc., 1853-1890.
- Handbook of field fortification and artillery. Richmond, Va., 1861. 1 vol., O., p. 124. (A)
- Viele, Egbert Ludovickus**. Topography and hydrology of New York . . . New York, 1865. 1 pam., O. (A)
- Relations of topography to health in connection with the principles and practice of drainage and sewerage. An address. . . New York, 1875. 1 pam., O. (A)
- Knickerbockers of New York. *Harper's New Monthly Mag.*, vol. 54, 1876, p. 3. (A)
- Nature from my veranda. *Harper's New Monthly Mag.*, vol. 57 (1878), p. 494. (A)
- Camp and garrison sanitation. *Jour. Mil. Serv. Inst. U. S.*, vol. 6, p. 37. (A)
- A trip with Lincoln, Chase, and Stanton. *Century Mag.*, vol. 16, p. 813.
- See U. S. Coast Survey Rept., 1892, p. 41. (A)
- Vilas, William F.** (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1895.
- Villepigue, John Bordenave** (U. S. M. A., 1854). Died May 13, 1888, aged 54. Engraving owned by Assoc. Grads. U. S. M. A.
- Vincent, Thomas McCurdy** (U. S. M. A., 1853). Photograph in Albums of officers' mess.
- Author of numerous professional reports, 1853-1899.
- The military power of the United States indicated during the war of the rebellion. *Jour. Mil. Serv. Inst. U. S.*, vol. 2, p. 229. (A)
- Comment on meritorious discharged soldiers. *Jour. Mil. Serv. Inst. U. S.*, vol. 11, p. 1025. (A)
- Florida Indians in the day of De Soto, and the Florida Seminole wars.
- Staff organizations: A plea for the staff.
- Compensation of army officers.
- Lincoln and Stanton.
- Vinton, David Hammond** (U. S. M. A., 1822). Died Feb. 21, 1873, aged 70. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1873. (A)
- Vinton, Francis** (U. S. M. A., 1830). Died Sept. 29, 1872, aged 63. Engraving (by Forrest) owned by Assoc. Grads. U. S. M. A.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1873. (A)
- Member of Board of Visitors to U. S. M. A. in 1855, and in 1867.
- Treatise on canon law.
- Vinton, Francis Laurens** (U. S. M. A., 1856). Died Oct. 6, 1879, aged 44. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1880. (A)
- Theory of the strength of materials . . . 1 vol., O., 1874. (A)
- The guardian. A poem.
- Lectures on machines.
- Vogdes, Israel** (U. S. M. A., 1837). Died Dec. 7, 1889, aged 73. Photograph in Albums of officers' mess.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1890. (A)
- Volkmar, William Jefferson** (U. S. M. A., 1868). Died Mar. 4, 1901, aged 54. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1901. (A)
- Wade, Robert Buchanan** (U. S. M. A., 1865). Died Jan. 8, 1884, aged 39. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1884. (A)

- Wagener, Jacob (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1837.
- Wager, Barnet (U. S. M. A., 1867). Died Aug. 9, 1883, aged 40. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1884. (A)
- Waggaman, George G. (U. S. M. A., 1835). Died Sept. 9, 1884, aged 69. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1885. (A)
- Adjutant U. S. M. A. Feb. 17, 1839, to July 1, 1841.
- Member of Board of Visitors (inspection) to U. S. M. A. in 1844.
- Wagner, Arthur Lockwood (U. S. M. A., 1875). As a cadet, editor of the *Weekly Spy-Glass*. For a reprint see U. S. M. A., class of 1875, reunion, 1900, p. 102.
- The campaign of Koniggratz: A study of the Austro-Prussian conflict in the light of the American civil war. O. 1889. (A)
- The new German drill book. *Jour. Cav. Assoc.*, 1889, p. 43. (A)
- Comment on Sumner's American practice and foreign theory. *Jour. Cav. Assoc.*, 1890, p. 150. (A)
- Extracts from Organization and tactics. *Jour. Cav. Assoc.*, 1893, pp. 241-382; 1894, p. 3. (A)
- Military geography of Canada. See *Military geography*. Lectures in department of of military art . . . Inf. and Cav. School. Fort Leavenworth, Kans., 1893-1895. *Jour. Mil. Serv. Inst. U. S.*, vol. 13, p. 429. (A)
- Review of Ropes' Story of the civil war. *Jour. Cav. Assoc.*, 1894, p. 357. (A)
- Catechism of outpost duty, including advance guards, rear guards, and reconnaissance . . . [2d ed.]. An abridgment . . . of The service of security and information. Kansas City, 1895. 1 vol., O. (A)
- The military necessities of the United States and the best provisions for meeting them. [Prize essay.] *Jour. Mil. Serv. Inst. U. S.*, vol. 5, p. 237. (A)
- Military and naval policy of the United States. *Jour. Mil. Serv. Inst. U. S.*, vol. 7, p. 371. (A)
- An American war college. *Jour. Mil. Serv. Inst. U. S.*, vol. 10, p. 257. (A)
- Comment on Field exercises. *Jour. Mil. Serv. Inst. U. S.*, vol. 12, p. 1034. (A)
- Comment on Three battalion organization. *Jour. Mil. Serv. Inst. U. S.*, vol. 15, p. 122. (A)
- Review of Hart's Reflections on the art of war. *Jour. Mil. Serv. Inst. U. S.*, vol. 18, p. 223. (A)
- Hasty intrenchments in war of secession. *Jour. Mil. Serv. Inst. U. S.*, vol. 22, p. 225. (A)
- and Kelley, Commander J. D. Jerrold. Our country's defensive forces in war and peace. The U. S. Army and Navy: Their histories . . . with accounts of their organization, administration, and duties . . . New York, 1899. 1 vol., F., obl., ill. (A)
- and others. Strategic operations. Illustrated by campaigns in Europe and America . . . U. S. Inf. and Cav. School. 1897. 1 vol., O. (A)
- Wagner, Arthur Lockwood, and Dickman, Joseph Theodore (U. S. M. A., 1881). Pronunciation of the names of persons and places in strategical operations. 1 pam., O. 1896. (A)
- Wainwright, J. M. (of New York). Member of Board of Visitors to U. S. M. A. in 1830.
- Wainwright, Robert Powell Page (U. S. M. A., 1875). The riding school and its importance. *Jour. Cav. Assoc.*, 1890, p. 130. (A)
- History of the First Regiment of Cavalry. [An abridgment of Captain Wainwright's History of the First U. S. Cavalry.] *Hist. U. S. Army*, pp. 153-172. (A)
- Walbash, J. E. Member of Board of Visitors to U. S. M. A. in 1825.
- Walke, Willoughby (U. S. M. A., 1883). Explosives. In Chicago Exposition, 1893, Int. Cong. Eng., Oper. Div. Mil. Eng.
- Lectures on explosives. 2d ed. . . . New York, 1897. 1 vol., O. (A)
- Notice of Hale's description map of army posts, p. 309; A new powder—The present phase of smokeless compounds, p. 374; Notice of War series, No. 4, information from abroad, U. S. N., p. 678. *Jour. U. S. Art*, vol. 2.
- Coast artillery fire instruction. *Jour. U. S. Art*, vol. 3, p. 259.
- Linseed oil. *Jour. U. S. Art*, vol. 4, p. 152.
- Walker, Aldace F. (of New York). Member of Board of Visitors to U. S. M. A. in 1897.
- Walker, Charles Jones (U. S. M. A., 1857). Died Mar. 4, 1879, aged 43. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1879. (A)
- Walker, George Brinton (U. S. M. A., 1872). Died Oct. 11, 1902, aged —. The man behind the gun. *Jour. Mil. Serv. Inst. U. S.*, vol. 17, p. 306. (A)
- Walker, Gilbert C. Walker (of Virginia). Member of Board of Visitors to U. S. M. A. in 1877.
- Walker, Henry Perrine (U. S. M. A., 1874). Died Sept. 11, 1880, aged 32. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1881. (A)
- Walker, Leverett Hull (U. S. M. A., 1871). Photograph in Albums of officers' mess.
- Walker, Thomas Woodruff (U. S. M. A., 1856). Died Dec. 9, 1890, aged 57. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1891. (A)
- Walker, Timothy (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1829.
- Walker, William Henry Talbot (U. S. M. A., 1837). Statue at the Confederate monument, Augusta, Ga.
- At Atlanta, Ga.
- Commandant of cadets. U. S. M. A., 1854-1856.
- WaB, Edward C. (of Wisconsin). Member of Board of Visitors to U. S. M. A. in 1894.
- Wall, James W. (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1858.
- WaBace, George Daniel (U. S. M. A., 1872). Died Dec. 29, 1890, aged 41. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1891. (A)
- Wallace, Gen. Lew (of Indiana). Member of Board of Visitors to U. S. M. A. in 1889.
- Wallace, Robert Bruce (U. S. M. A., 1890). Died Mar. 13, 1900, aged 31. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1901. (A)

- Wallen, Henry Davies (U. S. M. A., 1849). Died Dec. 2, 1886, aged 68. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1887. (A)
- Service manual. . . . Vol. 1, O. 1869. (A)
- Expedition from Dallas City to Great Salt Lake and back, 1860. No. 103, doc. 30. (C)
- Wallen, Henry Davies (U. S. M. A., 1867). Died Dec. 23, 1886, aged 45. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1890. (A)
- Waller, Henry (U. S. M. A., 1833). Died July 28, 1893, aged 83. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1897. (A)
- Member of Board of Visitors to U. S. M. A. in 1850.
- Walton, E. P. (of Vermont). Member of Board of Visitors to U. S. M. A. in 1842.
- Walton, William P. (of Alabama). Member of Board of Visitors to U. S. M. A. in 1848.
- Wansboro, Thomas Aloysius (U. S. M. A., 1849). Died July 1, 1890, aged 24. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1890. (A)
- Ward, Frederick King (U. S. M. A., 1879). Felt leather horse equipments. *Jour. Cav. Assoc.*, 1896, p. 35. (A)
- Guide center and leading, p. 50. Single or double rank for cavalry, p. 139. *Jour. Cav. Assoc.*, 1890. (A)
- Ward, George T. (of Florida). Member of Board of Visitors to U. S. M. A. in 1853.
- Ward, Marcus L. (of New Jersey). Member of Board of Visitors to U. S. M. A. in 1882.
- Warfield, ———. Member of Board of Visitors to U. S. M. A. in 1824.
- Waring, George E. (of Rhode Island). Member of Board of Visitors to U. S. M. A. in 1884.
- Warmoth, Isaac S. (of Illinois). Member of Board of Visitors to U. S. M. A. in 1860.
- Warner, Edward Raynsford (U. S. M. A., 1857). Photograph in Albums of officers' mess.
- Warner, James Meech (U. S. M. A., 1860). Died Mar. 16, 1897, aged 61. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1897. (A)
- Warner, Thomas. Miniature portrait. Owned by Miss Anna Warner, 1902.
- Chaplain and professor, U. S. M. A., 1828-1838.
- Warren, C. H. (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1869.
- Warren, Fitz Henry (of Iowa). Member of Board of Visitors to U. S. M. A. in 1861.
- Warren, Gouverneur Kemble (U. S. M. A., 1850). Died Aug. 8, 1882, aged 52. Portrait (oil painting by A. Lawrie). Presented by friends in Newport and New York City. In the Library U. S. M. A.
- portrait (oil painting by Chartran, New York, 1902 presented by his sister, Mrs. Emily Warren Roebling. In memorial hall, West Point.
- Copy of portrait by Chartran, p. 434. Copy of Cadet portrait, 1849-50, and others. In *Journal of the Rev. Silas Constant*, Phila., 1903, 1 v., O. (A)
- Photograph in Albums of officers' mess.
- Bronze statue (by Heury Baerer). Prospect Park, Brooklyn, N. Y.
- Warren, Gouverneur Kemble. Statue standing. Park Circle, Brooklyn, N. Y.
- Bronze standing statue. On Little Round Top, Gettysburg.
- Bronze medallion (by Philip Martiny). Presented by Mrs. Emily Warren Roebling. Memorial hall.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1883. *Biog. Mem. Nat. Acad. Sci.*, vol. 2, p. 17. *Harper's New Monthly Mag.*, vol. 68 (1882), p. 808. (A)
- Memoir upon the general map. In *Reports of explorations . . . for a railroad route from the Mississippi River to the Pacific Ocean*, 1853-1858, vol. 11. (A)
- Letter to Hon. George W. Jones, relative to explorations of Nebraska Territory. Washington, 1858.
- An account of the operations of the Fifth Army Corps . . . at the battle of Five Forks, Apr. 1, 1865. . . . New York, 1869. [Reprinted in *Jour. Rev.*, Silas Constant, pp. 485 et seq. (A)]
- Five Forks and General Warren. *Harper's New Monthly Mag.*, vol. 32 (1866), p. 805.
- Nebraska and Dakota and portions of the States and Territories bordering thereon, 1867. Topographical map. (A)
- Project, plan, estimate, etc., for the improvement of Minnesota River. *Minn. Rept. Chief of Eng.*, 1867, p. 260; 1868, p. 360; 1874, vol. 1, p. 288, 1875, vol. 1, pp. 390, 381, 403, 408, 409, 414, 416-442; 1879, p. 1182. (C)
- Mississippi River, between Falls of St. Anthony and Cairo. *Rept. Chief of Eng.*, 1867, p. 260; 1868, pp. 50, 51, 313, 317, 318, 320, 326, 366; 1871, p. 260. (C)
- Chippewa River, Wis. *Rept. Chief of Eng.*, 1868, pp. 306, 360, 395, 369, 370. (C)
- Fox and Wisconsin rivers. *Rept. Chief of Eng.*, 1868, pp. 315, 352, 360, 368; 1869, p. 141; 1876, vol. 2, pp. 190, 198, 273, 287, 288, 289. (C)
- Rock Island bridge. *Rept. Chief of Eng.*, 1869, pp. 194, 195, 196, 198; 1870, pp. 220, 237, 241, 244, 249, 251, 261, 262, 263, 264, 266; 1871, p. 301; 1872, pp. 286, 287, 288, 291, 293, 416; 1873, pp. 53, 415; 1877, p. 824; 1878, pp. 992, 1002, 1003. (C)
- Mississippi River reservoirs. *Rept. Chief of Eng.*, 1870, pp. 284, 286, 287. (C)
- Providence River, Harbor, etc., R. I. *Rept. Chief of Eng.*, 1870, pp. 449, 450; 1871, p. 730; 1873, pp. 668, 970; 1875, vol. 2, p. 291; 1876, p. 207; 1877, p. 109; 1878, pp. 48, 232, 235; 1879, pp. 34, 308, 311. (C)
- Connecticut River. *Rept. Chief of Eng.*, 1871, pp. 84, 757; 1872, pp. 835, 836, 838; 1873, pp. 985, 989, 1011; 1877, pp. 45, 206; 1878, pp. 59, 247, 248; 1879, pp. 56, 320. (C)
- New Haven Harbor, Conn. *Rept. Chief of Eng.*, 1871, pp. 85, 760, 770, 774, 775; 1872, pp. 83, 861, 864, 865, 890. (C)
- Bridgeport Harbor, Conn. *Rept. Chief of Eng.*, 1871, pp. 86, 787, 791, 794, 796. (C)
- Port Jefferson Harbor, N. Y. *Rept. Chief of Eng.*, 1871, pp. 86, 804, 808; 1875, vol. 1, p. 105; 1875, vol. 2, p. 265. (C)

- Warren, Gouverneur Kemble. Project, plan, estimate, etc., for the improvement of Peconic River, N. Y. Rept. Chief of Eng., 1871, pp. 80, 811, 814, 817; 1872, p. 916. (C)
- Pawcatuck River, R. I. and Conn. Rept. Chief of Eng., 1871, pp. 741, 743, 744. (C)
- Housatonic River, Conn. Rept. Chief of Eng., 1871, pp. 781, 782, 783, 786; 1886, p. 642; 1887, p. 666. (C)
- Narragansett Pier, R. I. Rept. Chief of Eng., 1871, p. 818. (C)
- Southport Harbor, Conn. Rept. Chief of Eng., 1871, p. 827. (C)
- Block Island, R. I. Rept. Chief of Eng., 1871, p. 839; 1872, p. 823; 1874, vol. 2, pp. 242, 243; 1879, p. 311. (C)
- Stonington Harbor, Conn. Rept. Chief of Eng., 1872, pp. 85, 918, 919; 1873, p. 980; 1874, vol. 2, p. 246; 1875, vol. 2, p. 247. (C)
- Norwalk Harbor, Conn. Rept. Chief of Eng., 1872, p. 902. (C)
- Huntington Harbor, Long Island, N. Y. Rept. Chief of Eng., 1872, pp. 905, 907, 909. (C)
- Hyannis Harbor Breakwater, Mass. Rept. Chief of Eng., 1873, pp. 86, 948, 949; 1874, vol. 2, p. 180; 1879, p. 297. (C)
- Wickford Harbor, R. I. Rept. Chief of Eng., 1873, pp. 972, 974. (C)
- Milford Harbor, Conn. Rept. Chief of Eng., 1873, pp. 1043, 1044; 1874, vol. 2, p. 260; 1879, vol. 2, p. 261; 1886, p. 640. (C)
- Edgartown Harbor, Mass. Rept. Chief of Eng., 1874, vol. 2, p. 268. (C)
- New Bedford Harbor, Mass. Rept. Chief of Eng., 1875, vol. 2, p. 284; 1878, p. 227. (C)
- Fall River, Mass. Rept. Chief of Eng., 1874, vol. 2, pp. 285, 286; 1878, p. 228. (C)
- Narragansett Bay (Little), R. I. and Conn. Rept. Chief of Eng., 1879, vol. 1, p. 221; 1880, p. 392; 1886, p. 78. (C)
- Wareham Harbor, Mass. Rept. Chief of Eng., 1877, p. 196. (C)
- Wood's Holl (Hole) Harbor, Mass. Rept. Chief of Eng., 1879, pp. 53, 268, 269. (C)
- Vineyard Haven Harbor, Mass. Rept. Chief of Eng., 1882, p. 504; 1890, p. 556. (C)
- Project, plan, estimate, etc., for the bridge across the Ohio River at Steubenville, Ohio. Rept. Chief of Eng., 1868, pp. 50, 316, 380. (C)
- railway bridge at La Crosse, Wis. Rept. Chief of Eng., 1873, pp. 554, 557, 558, 560; 1877, pp. 817, 822; 1878, p. 973. (C)
- railway drawbridge across the Mississippi at Hastings, Minn. Rept. Chief of Eng., 1878, pp. 969, 970. (C)
- railway bridge across the Mississippi River at Winona, Minn. Rept. Chief of Eng., 1878, p. 970. (C)
- railway bridge across the Mississippi River at Burlington, Iowa. Rept. Chief of Eng., 1878, pp. 1003, 1006. (C)
- railway bridge across the Mississippi River at Keokuk, Iowa. Rept. Chief of Eng., 1878, pp. 1009, 1010. (C)
- Warren, Gouverneur Kemble. Project, plan, estimate, etc., for the railway bridge across the Mississippi River at Quincy, Ill. Rept. Chief of Eng., 1878, pp. 1010, 1014, 1015. (C)
- bridge across Missouri River at Atchison, Kans. Rept. Chief of Eng., 1878, p. 1087. (C)
- railway bridge across the Missouri River at St. Charles, Mo. Rept. Chief of Eng., 1878, p. 1087. (C)
- railway bridge across the Missouri River at Leavenworth, Kans. Rept. Chief of Eng., 1878, p. 1087. (C)
- railway bridge across the Missouri River at Omaha, Nebr. Rept. Chief of Eng., 1878, p. 1087. (C)
- An essay concerning important physical features exhibited in the valley of the Minnesota River and upon their significance. O. Washington, 1874. Misc. Papers, vol. 1.
- Report upon the Minnesota River. 1874.
- Geographical surveys in the United States. Remarks upon Prof. J. D. Whitney's article in the North American Review, July, 1875. Misc. Pamphlets, vol. 8.
- Preliminary report of explorations in Nebraska and Dakota in the years 1855, 1856, 1857. Reprint. O. Washington, 1875. Explorations and Surveys. (A)
- Geographical surveys in the U. S. . . . concluding with an account of the origination of the Pacific Railroad. Washington, 1877. 1 vol., O., pp. 28. (A)
- Report . . . upon bridging the Mississippi River between St. Paul and St. Louis. In App. X, Rept. Chief of Eng., 1878, pp. 900-1125, maps. (A)
- Argument on behalf of . . . Sheridan . . . (by Asa Bird Gardner) . . . in the case of . . . G. K. Warren . . . 1 vol., O. 1881. (A)
- Findings of the court of inquiry and reviews of the Judge-Advocate-General and of the General of the Army in the case of. O., pam. 1883. (A)
- Memoir of (by H. L. Abbot). In Biog. Mem. Nat. Acad. Sci., vol. 2, p. 173. (A)
- Geographical surveys in the United States. In Pop. Sci. Monthly, vol. 11, p. 377.
- Exploration of the country between the Missouri and the Platte rivers.
- and Humphreys, Andrew Atkinson (U. S. M. A., 1831). Examination of the various routes [for railways]. In Reports of explorations . . . for a railroad from the Mississippi River to the Pacific Ocean, 1853-1855, vol. 1. (A)
- Gettysburg, battlefield of. July 1, 2, and 3, 1863. Sheets 1, 2, and 3.
- See Pacific Railroad. Reports of explorations and surveys. Map on roller.
- Warren, James Gould (U. S. M. A., 1881). Photograph in Albums of officers' mess.
- Project, plan, estimate, etc., for the improvement of White River, Ind. Rept. Chief of Eng., 1897, p. 2484. (A)

- Warren, James Gould. Project, plan, estimate, etc., for the improvement of Racine Harbor, Wis. Rept. Chief of Eng., 1800, p. 2815. (A)
- Kenosha Harbor, Wis. Rept. Chief of Eng., 1800, p. 2817. (A)
- Menominee River, Mich. and Wis. Rept. Chief of Eng., 1800, p. 3730. (A)
- Oconto, Wis. Rept. Chief of Eng., 1800, p. 3745. (A)
- Green Bay Harbor, Wis. Rept. Chief of Eng., 1800, p. 3747. (A)
- Two Rivers, Wis. Rept. Chief of Eng., 1800, p. 3759. (A)
- Manitowoc Harbor, Wis. Rept. Chief of Eng., 1800, p. 3761. (A)
- Port Washington, Wis. Rept. Chief of Eng., 1800, p. 3766. (A)
- Waukegan, Ill. Rept. Chief of Eng., 1800, p. 3769. (A)
- Sturgeon Bay and Lake Michigan Ship Canal, Wis. Rept. Chief of Eng., 1901, pp. 2971, 2973. (A)
- Manitowoc Harbor, Wis. Rept. Chief Eng., 1901, p. 2979. (A)
- Milwaukee Harbor, Wis. Rept. Chief of Eng., 1901, p. 2982. (A)
- See Boards—Warren; Barnard, 4. Macomb, 1, 3, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30, Newton, 2, 3, 4; Simpson, 4. See Boards—Kingman, 1.
- Washington, George (President of U. S., 1789-1797). Portrait (oil painting by C. W. Peale, 1772 [copy by C. Missbach]), presented by Maj. Gen. Daniel Butterfield. In memorial hall, West Point.
- Portrait (oil painting by John Trumbull) [Copy.] In memorial hall
- Portrait. In the Museum at Versailles, *see* *Marins et soldats français en Amérique, 1778-1783* (Noailles). (A)
- Photograph of oil portrait by Gilbert Stuart (known as the Gibbs-Channing portrait), presented by Samuel P. Avery. In the Library U. S. M. A.
- Silhouette, cut in 1783 by one of the Misses De Hart, of Elizabethtown, N. J., lent by Maj. Edward A. Duer. In the Library U. S. M. A.
- See Johnston, Elizabeth B. Original portraits of Washington . . . B. 1882, 1 v., f., 256 pp. (A)
- Bronze equestrian statue. Erected in Union Square, N. Y. City, July 4, 1850.
- Marble bust by Houdon, 1785. In Library.
- Wayne, Henry Constantine (U. S. M. A., 1838). Died Mar. 16, 1883, aged 69. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1883. (A)
- Quartermaster U. S. M. A., July 1, 1843, to June 11, 1846.
- Exercises for the broadsword. Washington, 1849. 43 pp. (A)
- The sword exercise. Washington, 1850. 1 vol., O., pp. 43. (A)
- Reports upon the purchase, importation, and use of camels and dromedaries for military purposes, 1855, 1856, and 1857. Washington, 1857.
- Wayne, Henry Constantine. Letters on The command of the Army. Jour. Mil. Serv. Inst. U. S., vol. 3, p. 391. (A)
- Introduction of the camel into the United States. In Proc. Amer. Phil. Soc., vol. 6, p. 275. (A)
- Washington, George C. Member of Board of Visitors to U. S. M. A. in 1827.
- Washington, Joseph E. (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1805 and in 1807.
- Washington, Thornton Augustin (U. S. M. A., 1840). Died July 10, 1884, aged 67. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1885. (A)
- Waterman, Henry Ely (U. S. M. A., 1883). Died Oct. 26, 1898, aged 38. Obituary in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- Project, plan, estimate, etc., for the improvement of Mississippi River, changes in mean Gulf level at Port Eads, La. Rept. Chief of Eng., 1809, p. 3478. (A)
- upper entrance to the Elk River Shoals Canal, Tennessee River. Rept. Chief of Eng., 1902, p. 1810. (A)
- See Boards—Merrill, 3; Poe, S. Stickney, 2, 3, 4.
- Watson, James Waterman (U. S. M. A., 1880). Scouting in Arizona. Jour. Cav. Assoc., 1897, p. 128. (A)
- Watson, Malbone Francis (U. S. M. A., 1861). Died Dec. 9, 1891, aged 53. Obituary in Ann. Assoc. Grads. U. S. M. A., 1892. (A)
- Watterson, H. M. (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1868.
- Way, Henry Newell (U. S. M. A., 1899). Died Aug. 28, 1900, aged 26. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Wayland, Francis (of Rhode Island). Member of Board of Visitors to U. S. M. A. in 1837, 1892, and 1871.
- Wayman, Samuel Pierce (U. S. M. A., 1877). Died Dec. 16, 1879, aged 27. Obituary in Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Waymire, James A. (of California). Member of Board of Visitors to U. S. M. A. in 1801.
- Wayne, Anthony. Bronze medallion (by Kelly). Presented by Gen. Daniel Butterfield. In memorial hall.
- Weaver, Erasmus Morgan (U. S. M. A., 1875). The Military Academy and the education of officers. In Jour. Mil. Serv. Inst. U. S., vol. 16 (1895), p. 579. (A)
- Seacoast guns and steel armor. Jour. U. S. Art., vol. 1, p. 81.
- Review of Hadfield's Alloys of iron and chromium, p. 154; Notes on armor [continued], p. 443. Jour. U. S. Art., vol. 2.
- Review of Hadfield's Iron alloys, with special reference to manganese steel, p. 159; Coast artillery fire instruction, p. 915. Jour. U. S. Art., vol. 3.
- Review of Notes on the year's naval progress, General information series, No. 13. Jour. U. S. Art., vol. 4, p. 358.

- Weaver, Erasmus Morgan.** An experiment with militia in heavy artillery work [continued], p. 1; Review of Crehore's and Squier's The new polarizing photo-chronograph, p. 402. *Jour. U. S. Art.*, vol. 7.
- Instruction of coast artillery. *Jour. U. S. Art.*, vol. 14, p. 255.
- Report of coast artillery target practice, p. 1; Note, Answer to Captain Haan's Inquiries, p. 253. *Jour. U. S. Art.*, vol. 17.
- Some thoughts on artillery. *Jour. Mil. Serv. Inst. U. S.*, vol. 10, p. 466. (A)
- Translator of Fabies's Seacoast batteries. *Jour. Mil. Serv. Inst. U. S.*, vol. 11, p. 501. (A)
- Comment on Range and position finding. *Jour. Mil. Serv. Inst. U. S.*, vol. 12, p. 1026. (A)
- Comment on Coast and harbor defense. *Jour. Mil. Serv. Inst. U. S.*, vol. 13, p. 547. (A)
- Comment on The Military Academy, etc. *Jour. Mil. Serv. Inst. U. S.*, vol. 16, p. 576. (A)
- Comment on Carbaugh's Federal duty and policy in regard to artillery. *Jour. Mil. Serv. Inst. U. S.*, vol. 22, p. 203. (A)
- Webb, Alexander Stewart** (U. S. M. A., 1855). Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Photograph in Albums of officers' mess.
- Bronze medallion (by Philip Martiny). Presented by H. W. and W. S. Webb, brothers. In memorial hall.
- Conservators of the Union. An address delivered before the New York State Society of the Cincinnati on Washington's birthday. . . . 1 pam., O. 1873. (A)
- The Military Service Institution. What it is doing, etc. *Jour. Mil. Serv. Inst. U. S.*, vol. 5, p. 1. (A)
- Review of Dodd's Song of the Rappahannock. *Jour. Mil. Serv. Inst. U. S.*, vol. 24, p. 510. (A)
- Review of Michie's General McClellan. *Jour. Mil. Serv. Inst. U. S.*, vol. 30 (1902), pp. 161-164. (A)
- The Peninsula. *Century Mag.*, vol. 23, p. 625.
- Webster, George Ogilvie** (U. S. M. A., 1866). Died Oct. 10, 1866, aged 56. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Webster, Horace** (U. S. M. A., 1818). Died July 12, 1871, aged 77. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1872. (A)
- Webster, Isaac Talman** (U. S. M. A., 1866). Died July 7, 1886, aged 44. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1887. (A)
- Webster, Lucien Bonaparte** (U. S. M. A., 1823). Died Nov. 4, 1853, aged 52. Quartermaster U. S. M. A. Oct. 24, 1830, to June 26, 1834.
- Weeden, John Hull** (U. S. M. A., 1866). Died Jan. 29, 1877, aged 33. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1877. (A)
- Project, plan, estimate, etc., for the improvement of Noonday Rock (San Francisco Harbor). Rept. Chief of Eng., 1875, vol. 2, p. 723. (C)
- San Joaquin River, Cal. Rept. Chief of Eng., 1875, vol. 2, p. 729. (C)
- Weeden, John Hull.** See Boards—Alexander, 2, 3.
- Weeks, George Henry** (U. S. M. A., 1857). Reports as Quartermaster General U. S. Army, 1867-68.
- Weeks, Harrison Samuel** (U. S. M. A., 1868). Died Jan. 21, 1892, aged 47. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1892. (A)
- Weigel, William** (U. S. M. A., 1887). Photograph in Albums of officers' mess.
- Weir, Robert Walker.** Portrait (oil painting by D. Huntington) presented by U. S. M. A. In the Library.
- Teacher of drawing, U. S. M. A., 1834-1846.
- Professor of drawing, U. S. M. A., 1846-1876.
- Weir, William Bayard** (U. S. M. A., 1870). Died Oct. 20, 1879, aged 30. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1880. (A)
- Design for infantry equipments. *Ord. Note 67*, vol. 2, p. 529. (A)
- Weitzel, Godfrey** (U. S. M. A., 1855). Died Mar. 19, 1884, aged 49. Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Photograph in Albums of officers' mess.
- Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1884; *Harper's New Monthly Mag.*, vol. 69 (1884), p. 158. (A)
- translator. Extracts from *Constructions of iron applied to fortifications*; by O. Giese, captain of the royal Prussian engineers and company commander. O. Washington, 1867. *Misc. Papers*, No. 1. (A)
- Project, plan, estimate, etc., for the improvement of Ohio River Falls. Rept. Chief of Eng., 1868, pp. 57, 523, 524, 529, 530, 531, 535, 539, 537, 548; 1869, pp. 48, 273, 274; 1870, p. 385; 1871, p. 459; 1872, pp. 449, 452, 458, 460; 1874, vol. 1, p. 568; 1875, vol. 1, pp. 774, 784; 1876, vol. 1, pp. 749, 764; 1877, pp. 607, 617; 1878, p. 772; 1879, p. 1283. (C)
- Tennessee River. Rept. Chief of Eng., 1868, pp. 555, 558, 579; 1869, p. 280; 1870, p. 380; 1877, p. 583. (C)
- Cumberland River. Rept. Chief of Eng., 1871, pp. 462, 469, 470, 478, 480; 1872, pp. 471, 472; 1874, vol. 1, p. 578; 1875, vol. 1, p. 795; 1877, pp. 594, 595. (C)
- Au Sable River Harbor, Mich. Rept. Chief of Eng., 1872, p. 209; 1873, p. 291; 1876, vol. 2, p. 550. (C)
- Wabash River. Rept. Chief of Eng., 1872, pp. 463, 472, 474, 475; 1873, pp. 59, 511, 514. (C)
- Cheboygan Harbor, Mich. Rept. Chief of Eng., 1873, p. 290; 1874, vol. 1, p. 200; 1875, vol. 1, p. 271; 1876, vol. 2, p. 529. (C)
- Saginaw River, Mich. Rept. Chief of Eng., 1874, vol. 1, pp. 205, 207, 209; 1875, vol. 1, pp. 274, 260; 1876, vol. 2, pp. 535, 547. (C)
- Pine and St. Clair rivers, Mich. Rept. Chief of Eng., 1876, vol. 1, p. 105; 1876, vol. 2, pp. 541, 542. (C)
- Alpena Harbor, Mich. Rept. Chief of Eng., 1876, vol. 1, p. 106; 1876, vol. 2, p. 548; 1877, pp. 110, 934. (C)
- Sand Beach, Lake Huron, Mich. Rept. Chief of Eng., 1877, p. 927; 1886, p. 1832; 1887, p. 2258. (C)

- Weitzel, Godfrey. Project, plan, estimate, etc., for the improvement of Detroit River, Mich. Rept. Chief of Eng., 1880, p. 222; 1883, p. 1885; 1887, p. 2268. (C)
- Misipillon Creek, Del. Rept. Chief of Eng., 1881, pp. 625, 626. (C)
- Woodbury Creek, N. J. Rept. Chief of Eng., 1883, p. 642. (C)
- Raccoon River, N. J. Rept. Chief of Eng., 1883, p. 649; 1887, p. 810. (C)
- Delaware River. Rept. Chief of Eng., 1884, pp. 124, 795, 796, 800; 1885, pp. 805, 813, 814. (C)
- Pensauken Creek, N. J. Rept. Chief of Eng., 1884, p. 852. (C)
- Leipsic River, Del. Rept. Chief of Eng., 1884, p. 854. (C)
- Brandywine River, Del. Rept. Chief of Eng., 1884, pp. 883, 884. (C)
- Translation of notes accompanying drawings concerning the construction of iron lock gates for the harbors of Weser River, Germany. iv, Q. Washington, 1873. (A)
- Photographic views illustrating work of construction of new lock of the St. Marys Falls Canal. 5 sheets. July and October, 1877.
- translator. A lecture on the improvement of the Danube at Vienna, by Sir Gustav V. Vex (2 papers); also, first and second treatises on the decrease of water in springs, creeks, and rivers. Washington, 1881. 1 vol., 0.
- See Boards—Weitzel; Barnard, 4, 2; Comstock, 1, 5, 6, 7, 8, 9, 10, 11; Craighill, 3; Macomb, 5, 6, 7, 8, 10, 13, 14, 15, 17, 18, 21, 31; Parker, 1; Simpson, 2, 4; Stewart, 3; Tower, 4; Warren, 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 15; Wright, 4, 6.
- Welcker, William Thomas (U. S. M. A., 1851). Died Nov. 3, 1900, aged 70. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1901. (A)
- Advanced algebra . . . San Francisco, 1880. 1 vol., 0. (A)
- Welcker's military lessons. 1880.
- Wells, David A. (of Connecticut). Member of Board of Visitors to U. S. M. A. in 1878.
- Wells, Hezekiah G. (of Michigan). Member of Board of Visitors to U. S. M. A. in 1867.
- Wells, John S. (of New Hampshire). Member of Board of Visitors to U. S. M. A. in 1888.
- Wells, Samuel (of Maine). Member of Board of Visitors to U. S. M. A. in 1847.
- Wessells, Henry Walton (U. S. M. A., 1833). Died Jan. 12, 1889, aged 80. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1889. (A)
- West, Frank (U. S. M. A., 1872). Five years enlistment for the cavalry. *Jour. Cav. Assoc.*, 1894, p. 332. (A)
- Military railway transportation. *Jour. Mil. Ser. Inst. U. S.*, vol. 15, p. 1000. (A)
- Westmore, Stephen Moore (U. S. M. A., 1827). Died Feb. 4, 1896, aged 60. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1896. (A)
- Weston, J. B. (of Ohio). Member of Board of Visitors to U. S. M. A. in 1838.
- Wetmore, William Boerum (U. S. M. A., 1872). Photograph in *Albums of officers' mess.*
- Wharton, J. (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1832.
- Wheaton, Levi (of Rhode Island). Member of Board of Visitors to U. S. M. A. in 1841.
- Wheeler, Benjamin I. (of California). Member of Board of Visitors to U. S. M. A. in 1901.
- Wheeler, Charles Brewster (U. S. M. A., 1887). Specifications for removal and construction of dock at Sandy Hook Proving Ground. Rept. Chief of Ord., 1893, p. 385. (C)
- On the requirements of a modern field gun carriage. Rept. Chief of Ord., 1898.
- Theory of powder and other explosives. Notes Constr. Ord. No. 67, vol. 3, p. 80. (A)
- Report of experiments with an 8-inch B. L. rifle mounted on a free-recoil carriage. Ord. Const. Notes No. 60.
- Wheeler, Edward D. (U. S. M. A., 1864). Died Oct. 12, 1883, aged 44. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1884. (A)
- Wheeler, Elbert (U. S. M. A., 1875). Editor of U. S. M. A., class of 1875 *Remin.*, 1900. Boston, 1902. 1 vol., 0, ill. Portraits of all the surviving members of the class save two.
- Wheeler, Francis B. (of New York). Member of Board of Visitors to U. S. M. A. in 1878.
- Wheeler, George Montague (U. S. M. A., 1860). Preliminary report concerning explorations and surveys principally in Nevada and Arizona, conducted under the immediate direction of First Lieut. G. M. Wheeler, 1871. Washington, 1872. Q. *Explorations and Surveys.* (A)
- Tables containing camps, lines of march, latitudes, longitudes, altitudes, etc. *Explorations and surveys west of the one hundredth meridian, field season of 1872.* Washington, 1873. (A)
- Report upon the determination of astronomical coordinates of the primary stations at Cheyenne, Wyo., and Colorado Springs, Colo., made during the years 1872 and 1873. Washington, 1874.
- Progress report upon geographical explorations and surveys west of the one hundredth meridian in 1872. Washington, 1874. Q. *Explorations and Surveys.* (A)
- Report upon ornithological specimens collected in 1871, 1872, and 1873 [by H. C. Yarrow, surgeon and naturalist]. Washington, 1874. (A)
- Catalogue of plants collected in 1871, 1872, 1873, with descriptions of new species [by Sereno Watson and Dr. J. T. Rothrock]. Washington, 1874. (A)
- U. S. geographical survey west of the one hundredth meridian. Washington, 1875. (A)
- Catalogue of the mean declination of 2,018 stars between 0° to 24° and 12° to 24°, right ascension, and 10° and 70° of north declination, for Jan. 1, 1875. Q. Washington, 1879. *Explorations and Surveys.* (A)
- List of reports and maps of the U. S. geographical surveys west of the one hundredth meridian. 2d ed. 0. pp. 74, map. Washington, 1881. *Explorations and Surveys.*
- Chronological statement of voyages and explorations to the west coast and interior of North America between 1500 and 1800 (includ-

- ing Columbus and Corte Real). Royal O., pp. 17. Washington, 1884.
- Wheeler, George Montagne. Collection of stereoscopic views pertaining to geographical surveys west of the one hundredth meridian. 3 boxes. (A)
- Annual reports upon the geographical explorations and surveys west of the one hundredth meridian [reprints from the annual reports of the Chief of Engineers] for 1874, 1876, 1877, 1878, 1879, 1880. (A)
- Tables of geographic positions, azimuths, distances, etc., prepared principally by M. M. Macomb, from data gathered under the direction of. [U. S. geographical surveys west of the one hundredth meridian.] Royal O., pp. 261. Washington, 1885.
- Facts regarding the origin, organization, administration, functions, history, and progress of the Government land and marine surveys of the United States, being extract from the report on the Third International Geographical Congress. Royal O., pp. 74. Washington, 1885. (A)
- Facts concerning the origin, organization, administration, functions, history, and progress of the principal government land and marine surveys of the world, being extracts from report on Third International Geographical Congress and Exhibition. Q., pp. 569, pl. Washington, 1885.
- Report upon the Third International Geographical Congress and Exhibition at Venice, Italy, 1881, accompanied by data concerning the principal government land and marine surveys of the world. Q., pp. 586, pl. Washington, 1885. (A)
- Geographical explorations and surveys west of the one hundredth meridian, 1874, report on printing. No. 1644, doc. 32. (C)
- Systematic catalogue of vertebrata of the Eocene of New Mexico, collected in 1874. E. D. Cope, A. M., paleontologist. [U. S. geographical surveys west of the one hundredth meridian.] (A)
- Washoe mining region, Nevada, topographical map of: 1876 and 1877 (in 2 sheets).
- Washoe district, Nevada, outline map of, showing Comstock lode, locations of mineral claims, shafts, mills, mining towns, etc., 1879.
- Progress of exploration of public domain in Nevada and Arizona, 1872. No. 1479, doc. 65. (C)
- and Lockwood, Daniel Wright (U. S. M. A., 1866). Preliminary report upon a reconnaissance through southern and southeastern Nevada, made in 1869. . . . Washington, 1875. 1 pam. Q. [Engineer Dept. U. S. A.] (A)
- and Macomb, Montgomery Meigs (U. S. M. A., 1874). Tables of geographic positions, azimuths, and distances, together with lists of barometric altitudes, magnetic declinations, and itineraries of important routes. Washington, 1885. O. Explorations and surveys. (A)
- Wheeler, George Montagne, and others. Report upon geographical and geological explorations and surveys west of one hundredth meridian. Vol. 1. Geographical report. 1889. (A)
- — — — — Vol. 2. Astronomy and barometric hypsometry. 1877. (A)
- — — — — Vol. 3. Geology. 1875. (A)
- — — — — Vol. 4. Paleontology. 1879. (A)
- — — — — Vol. 5. Zoölogy. 1875. (A)
- — — — — Vol. 6. Botany. 1878. (A)
- — — — — Vol. 7. Archeology. 1879. (A)
- — — Photographic views obtained in connection with geographical and geological explorations and surveys west of the one hundredth meridian, Lieut. Geo. M. Wheeler, Corps of Engineers, in charge: 1 vol., 50 views, seasons of 1871, 1872, 1873; 1 vol., 25 views, seasons of 1871, 1872, 1873, 1874. 1 set (100) stereoscopic views, seasons of 1871, 1872, 1873; 1 set (50) stereoscopic views, seasons of 1871, 1872, 1873, 1874. (A)
- See Boards—Cram, 1, 2; Macomb, 2, 4, 5, 6, 7, 8; Raynolds, 1; Woodruff, 10.
- Wheeler, James (U. S. M. A., 1855). Died Dec. 7, 1879, aged 39. Obituary in Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Wheeler, John (of Vermont). Member of Board of Visitors to U. S. M. A. in 1856.
- Wheeler, Joseph (U. S. M. A., 1859). Engraving (by Central Bureau of Engraving, New York) owned by Assoc. Grads. U. S. M. A.
- Member of Board of Visitors to U. S. M. A. in 1887, 1893, and 1895.
- A revised system of cavalry tactics, for the use of the cavalry and mounted infantry, C. S. Army . . . Mobile, 1863. 1 vol., O. (A)
- Author of a published volume of Wheeler's speeches, 47th Cong., 1883; 49th Cong., 1886; 50th Cong., 1888; 51st Cong., 1890; 52d Cong., 1892; 53d Cong., 1894; 54th Cong., 1896; 55th Cong., 1898.
- Our duty in the Venezuelan crisis. North Amer. Rev., vol. 161 (1895), p. 628.
- The Santiago campaign, 1898. . . . Boston and New York, 1898. 1 vol., O. (A)
- The evolution of firearms. . . . Philadelphia, 1902. 1 vol., O., pp. 28. (A)
- History of Cuba, 1496-1899.
- and Lee, Fitzhugh (U. S. M. A., 1856). Cuba's struggle against Spain, with . . . the Spanish-American war . . . A story of Santiago by Gov. T. . . . Roosevelt, and a description of the destruction of the *Maine*, by Commander Richard Wainwright . . . New York, 1899. 1 vol., O.
- Wheeler, Junius Brutus (U. S. M. A., 1855). Died July 15, 1886, aged 55. Portrait (oil painting by J. C. Beckwith) presented by U. S. M. A., 1902.
- Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1887. (A)
- Professor of civil and military engineering, U. S. M. A., 1871-1884.

- Wheeler, Junius Brutus.** Project, plan, estimate etc., for the improvement of White River Harbor, Mich. Rept. Chief of Eng., 1866, vol. 1, p. 13; 1866, vol. 3, p. 13; 1866, vol. 4, pp. 141, 148, 155; 1867, pp. 25, 111; 1868, pp. 34, 129; 1874, vol. 1, pp. 180, 181, 182; 1876, vol. 2, pp. 182, 184; 1884, p. 1982. (C)
- **St. Joseph Harbor, Mich.** Rept. Chief of Eng., 1866, vol. 1, p. 19; 1866, vol. 3, p. 11; 1866, vol. 4, pp. 111, 112; 1867, p. 104; 1874, vol. 1, p. 104; 1876, vol. 2, pp. 517, 518; 1879, p. 1933. (C)
- **Racine Harbor, Wis.** Rept. Chief of Eng., 1866, vol. 3, p. 11; 1866, vol. 4, pp. 122, 123; 1867, p. 22; 1868, p. 30; 1874, vol. 1, p. 153. (C)
- **Manistee Harbor, Mich.** Rept. Chief of Eng., 1866, vol. 3, pp. 13, 34; 1866, vol. 4, pp. 142, 143, 155; 1867, pp. 25, 26, 115; 1868, p. 133; 1874, vol. 1, p. 179; 1876, vol. 2, pp. 464, 471. (C)
- **Muskegon Harbor, Mich.** Rept. Chief of Eng., 1866, vol. 3, p. 14; 1866, vol. 4, pp. 145, 146, 155; 1867, pp. 24, 25, 110; 1868, pp. 34, 127; 1871, p. 145; 1874, vol. 1, p. 182; 1876, vol. 2, pp. 488, 490; 1879, pp. 1616, 1617; 1881, p. 2217; 1884, p. 1684; 1886, pp. 1764, 1795; 1887, pp. 2180, 2190. (C)
- **New Buffalo Harbor, Mich.** Rept. Chief of Eng., 1866, vol. 3, pp. 14, 35; 1866, vol. 4, pp. 154, 155. (C)
- **South Haven Harbor, Mich.** Rept. Chief of Eng., 1866, vol. 3, p. 35; 1866, vol. 4, p. 148; 1874, vol. 1, p. 192; 1876, vol. 2, pp. 512, 514. (C)
- **Frankfort (Aux Becs Scies) Harbor, Mich.** Rept. Chief of Eng., 1866, vol. 4, p. 95; 1867, pp. 117, 258, 259; 1868, p. 35. (C)
- **Black Lake Harbor, Mich.** Rept. Chief of Eng., 1866, vol. 4, pp. 104, 105, 109, 107; 1867, pp. 24, 106, 109; 1868, pp. 33, 121; 1870, p. 145; 1874, vol. 1, p. 187; 1876, vol. 2, p. 503. (C)
- **Chicago Harbor, Ill.** Rept. Chief of Eng., 1866, vol. 4, p. 115; 1867, pp. 258, 259; 1868, p. 31; 1869, pp. 28, 73; 1870, pp. 96, 102; 1874, vol. 1, p. 156. (C)
- **Kenosha (Southport) Harbor, Wis.** Rept. Chief of Eng., 1866, vol. 4, pp. 118, 119; 1867, pp. 22, 23, 83; 1868, p. 31; 1869, p. 27; 1872, p. 128. (C)
- **Sheboygan Harbor, Wis.** Rept. Chief of Eng., 1866, vol. 4, pp. 127, 129; 1867, p. 22; 1868, p. 29; 1874, vol. 1, p. 148; 1876, p. 78; 1876, vol. 2, p. 372. (C)
- **Manitowoc Harbor, Wis.** Rept. Chief of Eng., 1866, vol. 4, pp. 129, 131; 1869, p. 26; 1870, p. 93. (C)
- **Green Bay Harbor, Wis.** Rept. Chief of Eng., 1866, vol. 4, pp. 134, 139; 1867, p. 70; 1868, p. 28; 1872, pp. 31, 116; 1873, p. 168; 1874, vol. 1, pp. 38, 140, 141; 1875, vol. 1, pp. 42, 195. (C)
- **Ontonagon Harbor, Mich.** Rept. Chief of Eng., 1867, pp. 20, 63, 65; 1868, pp. 27, 87; 1879, p. 151; 1880, p. 1641, 1887, p. 1967. (C)
- **Milwaukee Harbor, Wis.** Rept. Chief of Eng., 1867, pp. 22, 29; 1868, p. 30; 1869, p. 27; 1874, vol. 1, p. 151. (C)
- **Pentwater Harbor, Mich.** Rept. Chief of Eng., 1867, pp. 25, 112, 113; 1868, pp. 34, 150; 1869, pp. 31, 80; 1870, pp. 40, 111, 84, vol. 1, pp. 179, 180; 1876, vol. 2, pp. 478, 479. (C)
- Wheeler, Junius Brutus.** Project, plan, estimate etc., for the improvement of Ludington Harbor, Mich. Rept. Chief of Eng., 1867, pp. 25, 114, 1880, p. 2014, 1885, p. 2074. (C)
- **Eagle Harbor, Mich.** Rept. Chief of Eng., 1868, pp. 28, 90, 92, 93. (C)
- **Superior City Harbor, Wis.** Rept. Chief of Eng., 1869, p. 73. (C)
- **Calumet Harbor, Ill.** Rept. Chief of Eng., 1870, pp. 104, 105, 107; 1871, p. 117; 1876, vol. 2, pp. 441, 442, 1880, pp. 211, 1888, 1889, p. 309. (C)
- **Port Washington (Ozaukee) Harbor, Wis.** Rept. Chief of Eng., 1870, pp. 119, 129, 121, 122, 1879, vol. 2, p. 381. (C)
- **A course of instruction in the elements of the art and science of war** For the use of the cadets of the U. S. M. A. New York, 1879, 1 vol., O. (A)
- **The elements of field fortifications, for the use of the cadets of the U. S. M. A.** New York, 1882. 1 vol., O. (A)
- **Crib work, plan of, as adopted by Bvt. Col. J. B. Wheeler, major of engineers, for piers of Lake Michigan harbors.** Topographical map.
- Wheeler, Otis (U. S. M. A., 1821).** Died June 1, 1872, aged 75. Obituary in Ann. Assoc. Grads. U. S. M. A., 1881. (A)
- Wheeler, William A. (of New York).** Member of Board of Visitors to U. S. M. A. in 1876.
- Wheeler, William Henry (U. S. M. A., 1874).** Tidal rivers: Their hydraulics, improvements, and navigation . . . London, 1893. 1 vol., O. (A)
- Wheelwright, Washington (U. S. M. A., 1821).** Died Oct. 31, 1871, aged 70. Portrait (oil painting, 7x9, on wood panel, framed). Presented to Military Academy under will of his daughter, Mary D. Wheelwright Felt, Apr. 19, 1904. (A)
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1872. (A)
- Whipple, Amiel Weeks (U. S. M. A., 1841).** Died May 7, 1893, aged 49. Bronze medallion (by Philip Martiny) presented by his son, Maj. C. W. Whipple, U. S. Army. In memorial hall.
- **Zoological report, thirty-fifth parallel** In Reports of explorations . . . for a railroad from the Mississippi River to the Pacific Ocean, 1853-55, vol. 10. (A)
- **Project, plan, estimate, etc., for the improvement of St. Clair Flats and Ship Canal, Mich.** Rept. Chief of Eng., 1866, vol. 1, p. 4. (C)
- **St. Marys River and St. Marys Falls Canal, Mich.** Rept. Chief of Eng., 1866, vol. 1, p. 4; 1869, vol. 4, pp. 63, 65. (C)
- **Magnetic and astronomical field work.** Essayons Club Papers, No. 16, 1869. (A)
- Whipple, Charles W. (of Michigan).** Member of Board of Visitors to U. S. M. A. in 1854.
- Whipple, Charles William (U. S. M. A., 1868).** Photograph in Albums of officers' mess.

- Whipple, Charles William.** Report on manufacture of life-saving guns. Rept. Chief of Ord., 1879, p. 270. (C)
- Tests of bar iron used in wrought-iron tubes for converted rifles. Rept. Chief of Ord., 1880, p. 54. (C)
- Carriage construction report for 3.2-inch field gun, p. 411; New iron carriage for long-range field guns, p. 414. Rept. Chief of Ord., 1881. (C)
- Tests of specimens of steel hoops for cannon. Rept. Chief of Ord., 1883, p. 427. (C)
- Sights and bayonets for 8-inch rifle, method of attaching. Rept. Chief of Ord., 1885, p. 635. (C)
- New field-artillery gun and carriage. Jour. Cav. Assoc., 1888, p. 27. (A)
- Objections to present method of making purchases. Rept. Chief of Ord., 1889, p. 105; 1890, p. 122. (C)
- Objections to present method of making purchases. Rept. Chief of Ord., 1890, p. 122. (C)
- Member of board on testing Winchester repeating-shotgun. Rept. Chief of Ord., 1896, p. 73. (C)
- translator. Fabrication of cannon in France. Notes Constr. Ord. No. 13, vol. 1, p. 1. (A)
- translator. Empirical formulas for the determination of the center of gravity and moment of inertia of a piece and its carriage. Notes Constr. Ord. No. 58, vol. 3, p. 63. (A)
- translator. Progress of naval artillery from 1855 to 1880. Ord. Note 203, vol. 6. (A)
- translator. Rifled howitzers and mortars. Ord. Note 224, vol. 7. (A)
- Whistler, George Washington** (U. S. M. A., 1819). Engraving (by W. J. Jackman) owned by Assoc. Grads. U. S. M. A.
- A sketch of the life and works of Geo. W. Whistler, by Geo. L. Vose. Boston, 1887, 1 v., O., pp. 45. (A)
- Whistler, Joseph Nelson Garland** (U. S. M. A., 1846). Died Apr. 20, 1898, aged 77. Photograph in Albums of officers' mess.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1899. (A)
- White, Edward Brickell** (U. S. M. A., 1826). Died May 10, 1882, aged 76. Obituary in Ann. Assoc. Grads. U. S. M. A., 1882. (A)
- White, E. D.** (of Louisiana). Member of Board of Visitors to U. S. M. A. in 1893.
- White, Herbert Arthur** (U. S. M. A., 1895). Fourth of July oration. Delivered before the corps of cadets . . . July 4, 1894, West Point, N. Y. [West Point, 1894.] 1 pam., 8 pp., O.
- White, J. William** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1899.
- White, James Lyon** (U. S. M. A., 1853). Died Nov. 24, 1894, aged 64. Obituary in Ann. Assoc. Grads. U. S. M. A., 1895. (A)
- White, Joseph M.** (of Florida). Member of Board of Visitors to U. S. M. A. in 1826.
- White, Peter** (of Michigan). Member of Board of Visitors to U. S. M. A. in 1888.
- White, Robert H.** Chief medical officer, U. S. M. A. Apr. 27, to June 7, 1890.
- White, William** (of Pennsylvania). Member of Board of Visitors to U. S. M. A. in 1901.
- Whiteley, Robert Henry Kirkwood** (U. S. M. A., 1830). Died June 9, 1896, aged 87. Obituary in Ann. Assoc. Grads. U. S. M. A., 1897. (A)
- Report of board to select and test rifled heavy ordnance. Rept. Chief of Ord., 1872, p. 16. (C)
- Whiting, Charles Jarvis** (U. S. M. A., 1835). Died Jan. 8, 1890, aged 75. Obituary in Ann. Assoc. Grads. U. S. M. A., 1890. (A)
- Whiting, Daniel Powers** (U. S. M. A., 1832). Died Aug. 2, 1892, aged 84. Obituary in Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Army portfolio. 1849.
- Whiting, Henry.** Member of Board of Visitors to U. S. M. A. in 1832.
- Whiting, Henry** (U. S. M. A., 1840). Died June 23, 1887, aged —. Life of Zebulon Pike, in Sparks's American biography.
- Otway, the son of the forest: A poem.
- The age of steam.
- Sanilac: A poem.
- See North Amer. Rev., vol. 52, p. 23.
- Whiting, Maj. Levi.** Member of Board of Visitors (inspection) to U. S. M. A. in 1845.
- Whiting, William Henry Chase** (U. S. M. A., 1845). Died Mar. 10, 1865, aged 40. Reconnaissance of western frontier of Texas. No. 502, doc. 64. (C)
- See Commission—Humphrey, 1. (A)
- Whitman, B. C.** (of Nevada). Member of Board of Visitors to U. S. M. A. in 1883.
- Whittemore, James Madison** (U. S. M. A., 1860). Cartridge annealing furnace at Frankford Arsenal, p. 269; instructions for care and use of hand tools for reloading cartridges, p. 421. Rept. Chief of Ord., 1880. (C)
- Cartridges and friction primers for military service. Rept. Chief of Ord., 1882, p. 287. (C)
- Watervliet Arsenal, report of work done, 1889, p. 343; Projectile foundry at Watervliet Arsenal, p. 344. Rept. Chief of Ord., 1889. (C)
- Report of principal operations at Rock Island Arsenal for 1890. Rept. Chief of Ord., 1890, p. 130. (C)
- Reloading tools for 1.65-inch Hotchkiss mountain gun; Progress report on the manufacture of small-arm ammunition at the Frankford Arsenal. Rept. Chief of Ord., 1897. (C)
- Report on tests of Mauser rifles and ammunition. Rept. Chief of Ord., 1890. (C)
- Description and drawing of cartridge-gauging machine. Ord. Note 99, vol. 3, p. 549. (A)
- Cartridges for breech-loading small arms in the U. S. military service—friction primers for cannon. Ord. Note 185, vol. 6. (A)
- Whittlesey, Charles** (U. S. M. A., 1831). Died Oct. 18, 1886, aged 78. Engraving owned by Assoc. Grads. U. S. M. A.
- Obituary in Ann. Assoc. Grads. U. S. M. A., 1887. (A)
- Editor Cleveland Herald, 1836-37.
- Life of John Fitch. In Sparks's Amer. Biog. 1845.

- Whittlesey, Charles.** Ancient mining on Lake Superior. 1862.
 — Glacial drift of the Northwestern States. *In* Smithsonian Cont. 1866.
 — Early history of Cleveland and vicinity. 1867.
 — War memoranda. Cheat River to the Tennessee, 1861-62. Cleveland, 1884. 1 vol., O., pp. 89. (A)
 — General Wallace's division, battle of Shiloh—Was it tardy? [n. p., n. d.] 1 vol., (1), pp. 5. (A)
- Whittlesey, Joseph Hotchkiss** (U. S. M. A., 1844). Died Aug. 2, 1886, aged 65. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1887.
 — Report on national military education, with the plan of a system for the United States, based on existing educational agencies. A. G. O., 1867. 1 vol., O., pp. 35. (A)
 — Report of a plan for a reorganization of the U. S. M. A. at West Point. War Dept., A. G. O., 1868. 1 vol., O., pp. 16. (A)
- Wieting, Orlando Luther** (U. S. M. A., 1870). Died Feb. 4, 1893, aged 47. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1893. (A)
- Wilcox, Cadmus Marcellus** (U. S. M. A., 1840). Died Dec. 2, 1890, aged 65. Photograph *in* Albums of officers' mess.
 — Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1891. (A)
 — Austrian infantry evolutions of the line. 1859. [Translated from French.]
 — Rifles and rifle practice . . . N. Y., 1859. 1 vol., O. (A)
 — History of the Mexican war. Washington, 1862. 1 vol., O., 711 pp. (A)
- Wilder, Wilber Elliott** (U. S. M. A., 1877). Competitions for 1889. Jour. Cav. Assoc., 1889, p. 415. (A)
 — Adjutant U. S. M. A., 1895-1898.
- Wildrick, Ahrum Calvin** (U. S. M. A., 1857). Died Nov. 10, 1894, aged 58. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1895. (A)
- Wiley, J. McCaleb** (of Alabama). Member of Board of Visitors to U. S. M. A. in 1840.
- Wilhelm, William Herman** (U. S. M. A., 1888). Died June 12, 1901, aged 34. In memoriam. [Philadelphia], 1902. 1 vol., O., 15 pp., por. (A)
- Wilkins, John Darragh** (U. S. M. A., 1846). Died Feb. 20, 1900, aged 77. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- Wilkinson, John William** (U. S. M. A., 1872). Died Mar. 22, 1892, aged 45. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1892. (A)
- Wilkinson, M. S.** (of Minnesota). Member of Board of Visitors to U. S. M. A. in 1865.
- Willard, Joseph Henry** (U. S. M. A., 1868). Project, plan, estimate, etc., for the improvement of Red River between Shreveport and Fulton, etc. Rept. Chief of Eng., 1887, p. 1494. (C)
 — Bayous Roundaway and Vidal, La. Rept. Chief of Eng., 1887, p. 1398. (C)
 — Little River, La. Rept. Chief of Eng., 1887, p. 1490; 1880, p. 1600; 1870, p. 1881. (C)
 — Bridge of the Georgia Pacific Railroad Company. Rept. Chief of Eng., 1888, p. 2488. (C)
 — Tchefumeta River and Bogue Bahia (Falaya), La. Rept. Chief of Eng., 1880, p. 1720. (C)
 — Bayou Dorchet, La. Rept. Chief of Eng., 1880, p. 1631. (C)
 — Cave River, La. Rept. Chief of Eng., 1891, p. 2027. (C)
 — Sulphur River, Tex. Rept. Chief of Eng., 1893, p. 2083. (A)
 — Coldwater River, Miss. Rept. Chief of Eng., 1893, p. 2090. (A)
 — Beauf River, Ark. Rept. Chief of Eng., 1895, p. 1969. (A)
 — Yallahusha River, Miss. Rept. Chief of Eng., 1895, p. 1979. (A)
 — Bear Creek, Miss. Rept. Chief of Eng., 1895, p. 1990. (A)
 — Big Sunflower River, Miss. Rept. Chief of Eng., 1896, p. 1639. (A)
 — Coldwater River, Miss. Rept. Chief of Eng., 1897, p. 1944. (A)
 — Red River, Tex. Rept. Chief of Eng., 1900, p. 2565. (A)
 — Illinois and Des Plaines rivers, Ill. Rept. Chief of Eng., 1900, p. 3855. (A)
 — Rock River, Ill. Rept. Chief of Eng., 1901, p. 3067. (A)
 — Illinois and Mississippi Canal. Rept. Chief of Eng., 1902, p. 2122. (A)
 — See Boards—Adams, 1; Barlow, 3, 4
- Willard, Simon** (U. S. M. A., 1815). Died Aug. 24, 1874, aged 80. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1875. (A)
- Willcox, Cornelis De Witt** (U. S. M. A., 1888). Photograph *in* Albums of officers' mess.
 — Member of the editorial committee of the Journal of the U. S. Artillery, January to June, 1892, and occasional contributor to that journal, and to the Journal of the Military Service Institution.
 — The preliminary examination, West Point. *In* Jour. Mil. Serv. Inst. U. S., vol. 10 (1895), p. 251. (A)
 — French-English military technical dictionary . . . Washington, 1899. 1 vol., O. [U. S. Dept. of War, Adjutant-General's Office, No. 24.] (A)
 — Modern engines of war. Munsey's Mag., May, 1900, p. 176.
 — Article on gun-making. Jr. Munsey, 1900-1901.
 — Development of the art of war in the nineteenth century. N. Y. Evening Post, Jan. 15, 1901. [Republished in a volume, "The nineteenth century." New York, 1901.]

- Willecox, Cornelis De Witt. Announcement, p. 5. Translation of Gossot's Determination of the velocities of projectiles by means of sound phenomena [continued], p. 25; Review of Maurice's war, p. 73; Review of Metcalfe's Ordnance and gunnery, p. 74; Notice of Roy's Repertoire alphabetique de termes militaires allemands, p. 144; Notice of Forbes Barracks bivouacs and battles, p. 150; Notice of Durassier and Valentino Aide-memoire de l'officier de marine, p. 283; Notice of Eichensieg Das militaerische fuerwehrwesen, p. 422. Jour. U. S. Art., vol. 1.
- Translation of Note by P. M. de Nignaux, in reply to Messrs. Armstrong & Co., on R. F. guns, p. 288; Review of Comuès's Aperçus sur la tactique de demain, p. 300; Translation of Whieh's On the determination of the combustion temperature of explosives, p. 407; Review of Mahan's The influence of sea power upon the French Revolution and Empire, p. 451; Notice of Nouveau dictionnaire militaire, p. 453. Jour. U. S. Art., vol. 2.
- Long guns, translation of Summary from La Marine de France (vol. 1, p. 6), p. 658; Review of General information series, No. 12, 1893, p. 154. Jour. U. S. Art., vol. 3.
- Notice of Dictionnaire militaire, p. 156; Notice of Les armes a feu portatives des armées actuelles et leurs munitions, p. 158; Notice of Steam: Its generation and use, with catalogue manufactures of the Balcock & Wilcox Company, p. 158. Jour. U. S. Art., vol. 4.
- Notice of Adye's Recollection of a military life, p. 129; Notice of Parrie's Technical dictionary of sea terms, phrases, and words, p. 127; Notice of Didelot's La defense des cotes d'Europe, p. 127. Jour. U. S. Art., vol. 5.
- Notice of Mata's Tratado de balística interior. Jour. U. S. Art., vol. 7, p. 256.
- Old Fort Matanzas. Jour. U. S. Art., vol. 9, p. 52.
- Translation of Instructions for repulsing attempts at landing by North American expeditions on the coasts of Cuba. Jour. U. S. Art., vol. 10, p. 263.
- Article "Military insignia." Supp. to Appleton's Cyclopaedia, 1.
- Willecox, Orlando Bolivar (U. S. M. A., 1847). Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Shoe-pac recollections. A wayside glimpse of American life. 1850.
- Fata: An army memoir (by Major March), 1857.
- Outposts of large armies. Jour. Mil. Serv. Inst. U. S., vol. 5, p. 337. (A)
- Siege of Detroit (by Pontiac). Address S. A. R. Society.
- Morgan's raid. Century Mag.
- Battle of Sackett's Harbor. Address celebration thereof at Sackett's Harbor.
- Willey, Thomas Moseley (U. S. M. A., 1868). Manager Hartford Globe, 1887-1889.
- Williams, Alpheus S. (of Michigan). Member of Board of Visitors to U. S. M. A. in 1876.
- Williams, Charles G. (of Wisconsin). Member of Board of Visitors in 1881.
- Williams, Charles Wilson (U. S. M. A., 1875). Died Nov. 11, 1898, aged 45. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Quartermaster U. S. M. A., 1887-1890.
- Report on West Point and U. S. M. A. 120 typewritten pp. (1889). Letter book Quartermaster U. S. M. A., November, 1889, pp. 77-197, 213-219. (A)
- Williams, Clarence Charles (U. S. M. A., 1894). Report on manufacture of powders and explosives. Rept. Chief of Ord., 1900.
- A study on a new material for the Swiss artillery. [Translation.] Jour. U. S. Art., vol. 7, p. 226.
- Notice of Maurice's National defenses. Jour. U. S. Art., vol. 8, p. 351.
- Notice of Garbett's Naval gunnery. Jour. U. S. Art., vol. 9, p. 112.
- Williams, George Augustus (U. S. M. A., 1852). Died Apr. 2, 1880, aged 58. Obituary in Ann. Assoc. Grads. U. S. M. A., 1889. (A)
- Williams, James Marks (U. S. M. A., 1894). Translation of Froissart's An apparatus for pointing by means of an elevated line of metal, automatically finding concealed position. Jour. U. S. Art., vol. 9, p. 211.
- Translation of Downy's A discussion of the errors of cylindro-ogival projectiles. Jour. U. S. Art., vol. 15, p. 186; vol. 16, pp. 134, 262; vol. 17, pp. 44, 131.
- Williams, James Seymour (U. S. M. A., 1831). Died Sept. 7, 1871, aged 60. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1872. (A)
- Boston topography, p. 14; Reconnaissance, sec. 5, pp. 37, 38. U. S. Coast Survey Rept., 1847. (A)
- Astronomical observations, sec. 1, p. 18; Triangulation, sec. 3, p. 34; Reconnaissance, sec. 5, p. 40; Selects Edisto base, p. 46. U. S. Coast Survey Rept., 1848. (A)
- Reconnaissance, sec. 5, p. 43; Edisto base, p. 43; Western coast detail, p. 8. U. S. Coast Survey Rept., 1849. (A)
- Galveston Bay triangulation. U. S. Coast Survey Rept., 1851, p. 79. (A)
- Triangulation, p. 73; Topography, sec. 9, p. 74. U. S. Coast Survey Rept., 1853. (A)
- Williams, John R. (U. S. M. A., 1870). Photograph in Albums of officers' mess.
- Translator of Impressions of a company commander (by Captain Potez). Washington, 1902. 1 vol., O
- Place of the Medical Department in the Army. Jour. Mil. Serv. Inst. U. S., vol. 14, p. 81. (A)
- Comment on The infantry of our Regular Army. Jour. Mil. Serv. Inst. U. S., vol. 23, p. 74. (A)
- Report on the French grand maneuvers of 1897. Jour. U. S. Art., vol. 10, p. 153.
- Williams, Jonathan. Died May 16, 1815. Portrait (oil painting by Thomas Sully, painted in 1815; see Cullum Reg., vol. 3, p. 578). Presented by Corps of Engineers. In the cadet mess hall.

- Williams, Jonathan.** First Superintendent U. S. M. A. from Apr. 15, 1802, to June 20, 1803.
- Second Superintendent from Apr. 10, 1805, to July 31, 1812. Reports as Supt. U. S. M. A., 1805-1812.
- On the use of the thermometer in discovering banks, soundings, etc., vol. 3, p. 82; On the claying of sugar, vol. 6, p. 82. Trans. Amer. Phil. Soc. (A)
- Thermometrical navigation. Ph., 1779, iv., O. (A)
- Translator of elements of fortification. 2d ed. War Dept., 1801, iv., O., pp. 49. Plates. (A)
- Williams, Lawrence Abert** (U. S. M. A., 1852). Died June 21, 1870, aged 47. Obituary in Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Williams, Matthew Jouett** (U. S. M. A., 1825). Died June 23, 1873, aged 68. Obituary in Ann. Assoc. Grads. U. S. M. A., 1874. (A)
- Member of Board of Visitors to U. S. M. A. in 1850.
- Williams, Richard Algernon** (U. S. M. A., 1870). Died Jan. 20, 1890, aged 43. Obituary in Ann. Assoc. Grads. U. S. M. A., 1890. (A)
- On pistol firing. Jour. Cav. Assoc., 1889, p. 337. (A)
- Williams, Robert** (U. S. M. A., 1851). Died Aug. 24, 1901, aged 72. Reports as Adjutant-General U. S. Army, 1892-93.
- Williams, Seth** (U. S. M. A., 1842). Died Mar. 23, 1866, aged 44. Adjutant U. S. M. A., Sept. 25, 1850 to Sept. 1, 1853.
- Williams, Thomas Greenhow** (U. S. M. A., 1840). Died Jan. 22, 1885, aged 57. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1885. (A)
- Williams, Willis L.** (of Missouri). Member of Board of Visitors to U. S. M. A. in 1852.
- Williamson, Robert Stockton** (U. S. M. A., 1848). Died Nov. 10, 1882, aged 58. Obituary in Ann. Assoc. Grads. U. S. M. A., 1883. (A)
- Route from Sacramento Valley to the Columbia River. Reports of explorations . . . for a railroad from the Mississippi River to the Pacific Ocean, 1853-1855, vol. 6.
- Project, plan, estimate, etc., for the improvement of Willamette and Columbia rivers. Rept. Chief of Eng., 1867, p. 51; 1868, p. 872; 1870, p. 509. (C)
- Columbia (upper) and Snake rivers. Rept. Chief of Eng., 1868, pp. 74, 874. (C)
- Port Sal, Cal. Rept. Chief of Eng., 1868, p. 889. (C)
- Wilmington Harbor, Cal. Rept. Chief of Eng., 1869, pp. 480, 481. (C)
- Sacramento and Feather rivers, Cal. Rept. Chief of Eng., 1871, p. 97. (C)
- Umpqua River, Oreg. Rept. Chief of Eng., 1871, pp. 912, 913, 914; 1886, p. 2005. (C)
- On the use of the barometer on surveys and reconnaissances, with an appendix. Prof. Papers Corps of Eng., U. S. A., No. 15. New York, 1868. 1 vol., Q. (A)
- Compendium without plates. 1 pam., O. 1878. Prof. Papers Corps of Eng., U. S. A., No. 15a. (A)
- Williamson, Robert Stockton.** Meteorological observations taken on the Nile in 1873. In Proc. Amer. Phil. Soc., vol. 14, p. 632. (A)
- Practical tables in meteorology.
- and Heuer, William Henry (U. S. M. A., 1865). Report upon the removal of Blossom Rock in San Francisco Harbor Cal. Q. Washington, 1871.
- See Boards—Williamson, Alexander. 3, 6, 7, Mendell, 1; Stewart, 3, 4.
- See U. S. Coast Survey Rept., 1890, p. 94. (A)
- Williamson, S. P.** (of Tennessee). Member of Board of Visitors to U. S. M. A. in 1841.
- Willis, John Howard** (U. S. M. A., 1880). Died Feb. 16, 1896, aged 37. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1896. (A)
- Wilson, George** (U. S. M. A., 1830). Died Mar. 3, 1880, aged 71. Obituary in Ann. Assoc. Grads. U. S. M. A., 1880. (A)
- Wilson, George W.** (of Virginia). Member of Board of Visitors to U. S. M. A. in 1848.
- Wilson, James Eveleth** (U. S. M. A., 1862). Died Nov. 20, 1887, aged 45. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1888. (A)
- Wilson, General James Grant** (of New York). Member of Board of Visitors to U. S. M. A. in 1880.
- Wilson, James Hamilton** (U. S. M. A., 1850).
- Wilson, James Harrison** (U. S. M. A., 1860). Engraving (by J. A. Lowell & Co.) owned by Assoc. Grads. U. S. M. A.
- Member of Board of Visitors to U. S. M. A. in 1896. Author of numerous papers on miscellaneous subjects, 1870-1890.
- Life . . . of Bvt. Brig. Gen. A. J. Alexander, U. S. Army . . . New York, 1887. 1 vol., O., pp. 135, por. (A)
- China. Travels and investigations in the "Middle Kingdom." A study of civilization and possibilities, with a glance at Japan. 1 vol., 12°. 1887. (A)
- Do Americans hate England? In North Amer. Rev., vol. 150 (1890).
- Address . . . at the twenty-seventh reunion of the society of the Army of the Cumberland . . . 1 pam., O. 1897. (A)
- An address on our trade relations with the Tropics, delivered at Boston, Mass., Nov. 9, 1901. Boston, 1901. 1 pam., O. (A)
- Our relations with Cuba. An address . . . Oct. 25, 1902. Wilmington, 1902. 1 vol., O., pp. 36. (A)
- Maj. Gen. John Buford. Jour. Cav. Assoc., 1895, p. 171. (A)
- Capture of Jefferson Davis. No. 1277, doc. 13. (C)
- Survey of Illinois River, 1867. No. 1311, doc. 16. (C)
- Survey of Rock River, 1867. No. 1311, doc. 15. (C)
- General Humphreys. In Dwight (T. F.), ed.: Federal and Confederate commanders, pp. 69-97.
- Project, plan, estimate, etc., for the improvement of Rock Island Rapids, Mississippi River. Rept. Chief of Eng., 1867, pp. 36, 273.

- 287, 26; 205, 208, 209; 1868, p. 388; 1869, p. 239; 1872, p. 324; 1873, vol. 1, pp. 312, 313, 315; 1876, vol. 1, p. 607. (C)
- Wilson, James Harrison.** Project, plan, estimate, etc., for the improvement of Illinois River. Rept. Chief of Eng., 1869, pp. 49, 218; 1870, pp. 60, 304; 1871, pp. 54, 275, 278; 1872, pp. 281, 314; 1879, pp. 1575, 1577, 1579. (C)
- Address before the society of the Army of the Cumberland, Columbus, Ohio, Sept. 22, 1867. Twenty-seventh reunion. Wilmington, Del., 1867. (A)
- Review of Military miscellanies. Jour. Mil. Ser. Inst. U. S., vol. 10, p. 778. (A)
- and Comstock, Cyrus Ballou (U. S. M. A., 1855). Vicksburg, siege of, by the U. S. forces under the command of Maj. Gen. U. S. Grant, U. S. Volunteers, Maj. F. E. Prime, chief engineer surveyed and constructed under the direction of Capt. C. B. Comstock U. S. Engineers, and Lieut. Col. J. H. Wilson, A. I. G., first lieutenant of engineers. Military map. — and Dana, C. A. Life of U. S. Grant. Springfield, 1868. 1 vol., O., p. 429. (A)
- See Boards—Wilson (J. H.); Macomb, 1, 3, 12.
- See Mantanzas and Santa Clara, Dept. of, annual report, 1899.
- Wilson, John Moulder** (U. S. M. A., 1860). Portrait (oil painting by Robt. Hinckley, 1893), presented by U. S. M. A. In the cadet mess hall
- Photograph in Albums of officers' mess.
- Twenty-third superintendent from Aug. 26, 1890, to Mar. 31, 1893. Reports as Supt. U. S. M. A., 1889-1893.
- Project, plan, estimate, etc., for the improvement of Olcott Harbor, N. Y. Rept. Chief of Eng., 1872, pp. 46, 248; 1874, vol. 1, pp. 239, 240, 241, 327. (C)
- Oak Orchard Harbor, N. Y. Rept. Chief of Eng., 1872, p. 251. (C)
- Oswego Harbor, N. Y. Rept. Chief of Eng., 1872, pp. 295-299. (C)
- Black River, N. Y. Rept. Chief of Eng., 1873, p. 379; 1874, vol. 1, p. 268. (C)
- Bear Creek Harbor, N. Y. Rept. Chief of Eng., 1873, pp. 385, 386, 388. (C)
- Waddington Harbor, N. Y. Rept. Chief of Eng., 1873, p. 390; 1874, vol. 1, p. 272; 1875, vol. 1, pp. 60, 350; 1876, vol. 2, pp. 607, 608, 610; 1880, p. 220. (C)
- Wilson Harbor, N. Y. Rept. Chief of Eng., 1873, pp. 392, 393; 1875, vol. 1, pp. 58, 323, 324; 1876, vol. 2, pp. 575, 576. (C)
- Charlotte Harbor, mouth of Genesee River, N. Y. Rept. Chief of Eng., 1874, vol. 1, p. 249; 1875, vol. 1, p. 59. (C)
- Transportation routes, northern route. Rept. Chief of Eng., 1875, vol. 2, pp. 539, 540, 541, 542, 546, 552, 561, 585, 586, 605. (C)
- Sandy Creek (Big), N. Y. Rept. Chief of Eng., 1876, vol. 2, pp. 605, 606. (C)
- Willamette and Columbia rivers. Rept. Chief of Eng., 1876, vol. 2, pp. 646, 647, 648, 650, 651; 1877, pp. 1021, 1023, 1024, 1028. (C)
- Puyallup River, Wash. Rept. Chief of Eng., 1876, vol. 2, pp. 670, 671. (C)
- Wilson, John Moulder.** Project, plan, estimate, etc., for the improvement of Shoalwater Bay to Columbia River, Oreg. Rept. Chief of Eng., 1876, vol. 2, pp. 673, 674. (C)
- Monroe Harbor (Raisin River) Mich. Rept. Chief of Eng., 1877, p. 947; 1879, pp. 179, 1977. (C)
- Port Clinton Harbor, Ohio. Rept. Chief of Eng., 1879, pp. 171, 1681, 1682. (C)
- Huron Harbor, Ohio. Rept. Chief of Eng., 1879, pp. 171, 1686; 1880, p. 2121; 1885, p. 2220; 1887, p. 2308. (C)
- Conneaut Harbor, Ohio. Rept. Chief of Eng., 1879, pp. 173, 1706; 1880, p. 2171; 1886, p. 1873; 1887, p. 2332. (C)
- Grand River Harbor, Fairport, Ohio. Rept. Chief of Eng., 1879, pp. 173, 1608, 1699. (C)
- Toledo Harbor, Ohio. Rept. Chief of Eng., 1879, pp. 1679, 1680; 1882, pp. 2385, 2386; 1886, p. 1950; 1887, pp. 2291, 2296. (C)
- Vermillion Harbor, Ohio. Rept. Chief of Eng., 1879, pp. 1688, 1689. (C)
- Ashtabula Harbor, Ohio. Rept. Chief of Eng., 1879, p. 1701; 1880, p. 2193; 1882, pp. 2410, 2411. (C)
- Erie (Presque Isle) Harbor, Pa. Rept. Chief of Eng., 1879, p. 1708. (C)
- Coos Bay, Oreg. Rept. Chief of Eng., 1879, pp. 1793, 1796. (C)
- Pacific Coast Harbor of Refuge. Rept. Chief of Eng., 1879, pp. 1804, 1805. (C)
- Port Orford, Oreg. Rept. Chief of Eng., 1879, pp. 1804, 1805. (C)
- Coquille River, Oreg. Rept. Chief of Eng., 1879, pp. 1808, 1810; 1881, p. 2599. (C)
- Fairport Harbor, Ohio. Rept. Chief of Eng., 1880, p. 2153; 1882, p. 2407; 1887, p. 2325. (C)
- Sandusky River, Ohio. Rept. Chief of Eng., 1881, pp. 2297, 2298; 1887, p. 2306. (C)
- Chagrin River, Ohio. Rept. Chief of Eng., 1881, pp. 2339, 2340; 1887, p. 2334. (C)
- Maumee River, Ohio. Rept. Chief of Eng., 1881, p. 2342. (C)
- St. Marys River, Ohio. Rept. Chief of Eng., 1881, p. 2345. (C)
- canal (ship) from Lake Erie to the Wabash and Ohio rivers. Rept. Chief of Eng., 1881, pp. 2352, 2354, 2362, 2393. (C)
- Harlem River (purchase of certain land). Rept. Chief of Eng., 1899, p. 1237. (A)
- Reports as the Chief of Engineers, 1897-1901.
- Photograph of the water-color painting, showing the cascades canal around the cascades of the Columbia River, as it would have been if completed in accordance with original plans.
- See Boards—Wilson (J. M.); Alexander, 4, 7; Houston, 1; McFarland, 1; Macomb, 10; Merrill, 1; Poe, 1; Reynolds, 2; Woodruff, 4, 8, 11, 12, 13, 14.
- Wilson, Richard Hurlbut** (U. S. M. A., 1877). The Eighth Regiment of Infantry. Jour. Mil. Serv. Inst. U. S., vol. 15, p. 660. (A)
- History of the Eighth Regiment of Infantry. An abridgment of Lieutenant Wil-

- son's History of the Eighth U. S. Infantry Hist. U. S. Army, pp. 511-525. (A)
- Wilson, Thomas** (U. S. M. A., 1853). Died May 30, 1901, aged 60. Obituary and portrait *in* Ann. Assoc. Grads. U. S. M. A., 1901. (A)
- West Point dream waltz. Composed and dedicated to Mrs. General Scott by Cadet Thomas Wilson of the U. S. M. A. [Baltimore?], 1853. 5 pp., E. col. lith. frontispiece, showing hotel, etc.
- Triangulation in sec. 1, p. 44; in sec. 3, p. 60. U. S. Coast Survey Rept., 1888. (A)
- Services in sec. 5, p. 64; Charge of drawing division, p. 105; Report, pp. 182-187. U. S. Coast Survey Rept., 1859. (A)
- Charge of drawing division, p. 103; Report, pp. 186-193. U. S. Coast Survey Rept., 1860. (A)
- Windom, William** (of U. S. Senate). Member of Board of Visitors to U. S. M. A. in 1879.
- Winn, Frank Long** (U. S. M. A., 1886). Military instructions in colleges. Jour. Mil. Serv. Inst. U. S., vol. 19, p. 272. (A)
- Winn, John Sheridan** (U. S. M. A., 1888). Photograph *in* Albums of officers' mess.
- Winship, Oscar Fingal** (U. S. M. A., 1840). Died Dec. 13, 1855, aged 38. Translator (with Lieut. E. E. McLean) of Jomini's, Précis de l'art de la guerre. 1853.
- Winslow, Eben Eveleth** (U. S. M. A., 1880). Instructor of practical military engineering, U. S. M. A. Sept. 4 to Nov. 14, 1898.
- Project, plan, estimate, etc., for the improvement of Back Bay, Biloxi, Miss. Rept. Chief of Eng., 1893, p. 1785. (A)
- Wolf River, Miss. Rept. Chief of Eng., 1893, p. 1788. (A)
- Jordan River, Miss. Rept. Chief of Eng., 1893, p. 1790. (A)
- Mississippi River, first and second districts. Rept. Chief of Eng., 1899, p. 3504. (A)
- Hickman, Ky., to Slough Landing, Tenn. Rept. Chief of Eng., 1901, pp. 2157, 2159. (A)
- Winston, Donald** (U. S. M. A., 1878). Died Oct. 26, 1882, aged 28. Obituary *in* Ann. Assoc. Grads. U. S. M. A., 1883. (A)
- Winston, Thomas Winfield** (U. S. M. A., 1890). Letter on target practice. Jour. U. S. Art., vol. 17, p. 203.
- Winthrop, Greenville Temple** (of Massachusetts). Member of Board of Visitors to U. S. M. A. in 1839.
- Winthrop, William.** Professor of law, U. S. M. A., 1886-1890.
- Wisser, John Philip** (U. S. M. A., 1874). Photograph *in* Albums of officers' mess.
- Short historical sketch of gunpowder, [Translated from the German of Karl Braun.] 160 pp. 180. New York, 1883.
- Course of sciences applied to military art. Chemical manipulations. 1883. [See Art. School, U. S.] (A)
- Practical problems in minor tactics and strategy. . . . 1 vol., O. 1886. [Art. School, U. S.] (A)
- Wisser, John Philip.** Reflections on Russian cavalry. Jour. Cav. Assoc., 1899, p. 34. (A)
- By land and sea. [Philadelphia], 1861.
- Modern practical military instruction. United Service, June, 1901, pp. 583-591.
- The education of officers for the armies of to-day. United Service, February 1892 pp. 103-126.
- Articles "Military schools" and "Staff and staff schools," in Johnson's New Universal Cyclopaedia, 1893. New York.
- Explosive materials. . . . New York, 1898. 1 vol., O. [Van Nostrand's Sci. Ser. 700.] (A)
- Second Boer war, 1899-1900. . . . Kansas City, 1901. 1 vol., O., and maps. (A)
- The tactics of coast defense. Kansas City, 1902. 1 vol., O., 232 pp.
- The West Point centennial celebration. United Service, July, 1902, pp. 1-11. (A)
- Military notes. *In* N. Y. Sunday Sun, 1902.
- Review of Bigelow's Principles of strategy. Jour. U. S. Art., vol. 3, p. 516.
- The uses of the artillery-fire game. Jour. U. S. Art., vol. 4, p. 255.
- Notice of vols. 1, 2 of translation of the Society of Naval Architects and Marine Engineers, p. 120; Notice of Leading events of the American Revolution, p. 130; Notice of the Century Dictionary, p. 291; Notice of Larned's History for real reference, p. 292; Announcement of prize essay, 1899, extra page following p. 304; Notice of Johnson's Universal Cyclopaedia, p. 410; Notice of Horseburgh's Waterloo, p. 423. Jour. U. S. Art., vol. 5.
- Notices of Wagner's Catechism of outpost duty, and Fix's Aide-memoire de manoeuvre et de campagne, pp. 123-124; Notice of Le Juge's Das Englische Heer, Einschliesslich der Kolonialtruppen, p. 125; Aluminum horse-shoes [translation], p. 230; Notice of Dyer's Handbook of light artillery, p. 249; Review of Wolseley's Decline and fall of Napoleon, p. 249; Review of Von Pfleie's Experiences of a Prussian officer in the Russian service during the Turkish war of 1877-78, p. 249; Notice of Günther's Abriss der Taktik, p. 252; Notice of Meixner's Historischer Rückblick auf die Verpflegung der Armeen in Felde, p. 252; The fortifications of the Dardanelles [translation], p. 385; Review of Dodge's Gustavus Adolphus, p. 392; Review of J. Longstreet's From Manassas to Appomattox, p. 394; Review of Johnson's Marceau, p. 399; Review of Wood's Cavalry in the Waterloo campaign, p. 398; Review of St. Chaman's Memoirs, p. 400; Review of Brassey's Naval annual, 1896, p. 401; Notice of Maude's Military letters and essays, p. 404; Review of Mason's Water supply, p. 404; Notice of The pocket revolver and its use, p. 406; Review of Lord Roberts's Rise of Wellington, p. 248. Jour. U. S. Art., vol. 6.
- Notice of Etude Critique des Operations en Turquie et Asie pendant la Guerre Turco Russe en 1877-78, d'après des Documents Officiels Supérieur Turc, p. 124; Notice of Walford's translation of Hohenlohe's Letters on artill-

lery, p. 125; Notice of Müller's Kruff's Gussstahlfabrik, p. 126; Notice of Forbe's Camps, quarters, and casual plans, p. 127; Notice of Kaiser's Verschlüsse der Schnellfeuer-Kanonen, p. 128; Notice of Das Deutsche Reich, p. 128; Notice of Von Bülow's Das Militär des Fünf Welttheile, p. 129; Notice of Seagrims The officer's guide to campaigning equipment, how, where and what to obtain, p. 129; Notice of Bengough's Thoughts on modern tactics, p. 129; Review of Cranz's Compendium der Theoretischen Ausseren Ballistik, p. 130; Review of The memoirs of Baron Thiebault, p. 133; Notice of Van Cortlandt's Questions and answers on the theory and practice of equitation for the course of squadron training, p. 136; Notice of Report America's relief expedition to Asia Minor under the Red Cross, p. 137; Review of Mémoires de Louis-Auguste Le Pelletier, p. 260; Notice of Wagner's Service of security and information, p. 261; Notice of Lycondis's Mémoire sur un Nouveau Système de Bouches à Feu Démontables, p. 263; Notice of M. M.'s Quelques Mots sur la Défense et l'Attaque de Constantinople du côté de la terre, p. 263; Notice of Von Gizycki's Strategisch-taktische Aufgaben nebst Lösungen, p. 264; Translation of Von Winch's Size and shape of powder grains, p. 346; Notice of Stiegler's Memoirs of Marshal Oudinot, p. 401; Notice of Smekal's Fünf Taktische Aufgaben über Führung und Verwendung der Feld-Artillerie, p. 404; Notice of Von Kiesling's Die Anwendung der Photographie zu Militärischen Zwecken, p. 407; Notice of Von Attlmayer's Der Krieg Oesterreichs in der Adria im Jahre 1866, p. 408; Notice of Rimington's Hints on stable management, p. 408. Jour. U. S. Art., vol. 7.

Wisser, John Philip. Test of armor plates in the Witkowitz Iron Works [translation], p. 85; Review of Von Trotha's Tactical studies on the battles around Plevna, p. 104; Review of Meixner's Historischer Rückblick auf die Verpflegung der Armeen in Felde, p. 106; Notice of Maury's A young people's history of Virginia and Virginians, p. 107; Review of Mahan's Nelson, p. 238; Review of Du Teil's Napoleon Bonaparte et les Généraux Du Teil, 1788-1794, p. 241; Notice of Groome's Military hand book, p. 242; Review of Brassey's Naval annual for 1897, p. 243; Notice of Root's Military topography and sketching, p. 244; Notice of Poulenc's Nouveautés Chimiques, p. 245; Notice of Capitaine and v. Hertling's Die Kriegswaffen, p. 246; Investigations on the cone of explosion of shrapnel charged with high explosives, p. 277; Notice of O'Meara's Napoleon en Exil, p. 354; Review of Church's U. S. Grant and the period of national reservation and reconstruction, p. 355; Notice of Sargent's The campaign of Marengo, p. 358. Jour. U. S. Art., vol. 8.

— Notice of Hohenlohe's Aus Meinem Leben, p. 111; Notice of Kunz's Kriegsgeschichtliche Beispiele aus dem deutsch-französischen Kriege von 1870-1871, heft 3 and 4, p. 113; No-

tices of Kriegstechnische Zeitschrift für Offiziere aller Waffen and Scientific American Supplement reference catalogue, p. 114; Review of Schofield's Forty-six years in the Army, p. 237; Notice of Der Griechisch-türkische Krieg der Jahres 1897, p. 241; Notices of Dane's All the world's fighting ships and Darassier and Valentino's Aide-Memoire de l'officiers de Marine, p. 241; Notice of Bengough's Preparatory battle formation, p. 243; Notices of Brassey's Annual, 1898, and Stavenhagen's Petit Dictionnaire Militaire Français-Allemand et Allemand-Français, p. 37; Notice of Kriegsgeschichtliche Beispiele aus dem deutsch-französischen Kriege von 1870-71, p. 371; Notice of Die Heere und Flotten der Gegenwart, p. 372; Notice of Recueil des Travaux Techniques des Officiers du Genie de l'Armée Belge, p. 373; Notice of Tillman's Descriptive general chemistry, a text-book for a short course, p. 374; Notice of Heydenrich's Die Lehre Vom Schuss und die Schusstafeln, p. 374; Notice of Mieliokhofer's Der Kampf um Kuestenbefestigungen, p. 375. Jour. U. S. Art., vol. 9.

Wisser, John Philip. Translation of Wächler's A new range finder (by Zeiss), p. 80; Notice of Rowell's Private's handbook of military courted guard duty, p. 105; Review of Hohenlohe's Letters on strategy, p. 213; Notice of Smekal's Fünf Taktische Aufgaben über Führung und Verwendung der Feld-Artillerie, p. 217; Notice of Giddings' Manual for cyclists, p. 221; Review of Collenberg's Über die Grundlegan des Shrapnelschiesses bei der Feldartillerie, p. 313. Jour. U. S. Art., vol. 10.

— Notices of Powell's Custom of the service and Mason's Examination of water (chemical and bacteriological), p. 101; Notice of Spear's Our Navy in the war with Spain, p. 102; Notice of Parker's Tactical organization and use of machine guns in the field, p. 102; Notice of Starenhagen's Kleines Militär-Wörterbuch, (II) Theil Deutsch-Französisch, p. 214. Jour. U. S. Art., vol. 11.

— Notice of Plüddenann's Der Krieg um Cuba im Sommer 1898, p. 73; Notice of Hadfield's Alloys of iron and nickel, p. 218; Notice of Cranz and Koch's Untersuchungen ueber die vibration des Gewehrlaufs, p. 219; Notice of De Gruyter's Tactics for beginners, p. 220; Notices of Zimmerhaeckel's C. Julius Caesar's Rheinbrücke, of Banning's Organization and equipment made easy, and Shadwell's Key to military sketching made easy and military maps explained, p. 221. Jour. U. S. Art., vol. 12.

— Notice of Willcox's French-English Military Dictionary, pt. 1, p. 91; Notice of Kaiser's Construction der Gezogenen Geschützrohren, p. 92; Notices of Baden-Powell's Aids to scouting, and History of the manufacture of armor plate for the U. S. Navy, p. 94; The determination of the jump in guns [reprint], p. 202; A new military telephone, p. 211; Review of Meixner's Historischer Rückblick auf die Verpflegung der Armeen in Felde, pt. 3, p. 224; Notice of Layritz's Betrachtungen über die

- zukunft des mechanischen Zuges für den Transport auf Landstrassen, hauptsächlich über seine Verwendbarkeit im Kriege, p. 229; Notice of Hamilton's Manual of U. S. Army, Navy, and Marine Corps retirements, p. 248; Notices of Siege and coast artillery drill regulation, compiled for the use of the cadets, of Manual for the use of the cadets, of Manual for making the blanket roll and for pitching and striking shelter tents, prepared for the use of the cadets, and of Note on horsemanship and rules for polo, prepared for the use of the cadets, p. 347. Jour. U. S. Art., vol. 13.
- Wisser, John Philp. Notice of Lassiter's Drill regulations for mountain artillery provisional, p. 232; Notice of Ost-Asien, 1860-1862, in Briefen des Großen Fritz Zu Eulenburg Koeniglich Preussischen Gesandten betraut mit Ausserordentlichen Mission nach China, Japan, and Siam, p. 232; Notice of Anderson's Manual of the service of security and information, p. 23; Notice of Spinelli's A catechism of court-martial duty, p. 233; Notice of Chandler's Military lance construction, for semipermanent field telegraph and telephone lines, p. 233; Notice of Hyde's The indikil system: A decimal system of weights and measures for the English-speaking people, p. 234; Notice of Bouvier's Bonaparte en Italie, p. 350; Notice of Van Oordt's Paul Krüger und die Entstehung der Südafrikanischen Republik, p. 357; Notice of Ridards and Woodman's Air, water, and food from a sanitary standpoint, p. 358; Notice of Moni's The campaign of 1815, digny Quatre Bras, Waterloo, p. 359; Notice of Bengough's Preparatory battle formation, p. 360; Notice of vol. 2, Recuéré des travaux Techingnes des officiers des quire de l'Armée Belge, p. 361; Notice of Van Bever's Projet de Recrutement de l'Armée Belge, p. 361. Jour. U. S. Art., vol. 14.
- Notices of Forsyth's The story of the soldier, Brady's Commodore Paul Jones, The diary and pocketbook for 1901, and The Washington Post Almanac Encyclopedia, pp. 105, 106; Notice of J. N. S. La Question Militaire aux Etats Unis Neyt's notes concernant la Guerre Hispano-Americaine, p. 107; Notice of Waite's How to keep "fit," or the soldier's guide to health in field, camp, and quarters, p. 226; Notice of Photographic album of Alder-shot town and camp, the headquarters of the British army, p. 226; Notices of de Hovell's Soldiers' training and other notes and Withersby's Skirmishing made easy, p. 226; Notice of Shaw's Studies in field engineering, p. 367; Notice of Cranz and Koch's Untersuchung über die vibration des Gewehrlaufs, p. 367; Notice of Crabtree's The marvels of modern mechanism and their relation to social betterment, p. 368; Notice of Pollock's With seven generals in the Boer war, p. —. Jour. U. S. Art., vol. 15.
- Notice of Official medals and ribbons of Army, p. 92; Notices of Colonel N.'s L'artillerie a l'exposition and Marinel's Le Nouveau's Material d'Artillerie de Compagne Suisse, Modele, 1901, p. 93; Notice of Caunter's The campaign in the free state and its lessons, p. 94; Notice of von Freytag-Loringhoven's Studien ueber Kriegfuehrung auf Grund des Nordamerikanischen Sezessions Krieges in virginien, p. 95; Notice of Anley's Practical hints for mounted infantry men, p. 97; Review of Munson's The theory and practice of military hygiene, p. 211; Notice of Mirandoli's Die Automobilen fuer schwere Laster und ihre Bedeutung fuer militaerische Verwendung, p. 212; Notice of Bernadon's Smokeless powder, nitro-cellulose and the theory of the cellulose molecule, p. 212; Notice of Views of Woolwich and Royal Military Academy, p. 328; Notice of Official crests of the British army now in daily use, p. 328; Notices of Photographic view of Eton College and Hadfield's Alloys of iron and nickel, p. 329. Jour. U. S. Art., vol. 16.
- Wisser, John Philip. Notice of the naval annual, 1901, edited by John Seyland, p. 95; Notice of Fleming's Around the pan, with Uncle Hank, his trip through the Pan-American Exposition, p. 219; Notice of Young's Men and memoirs personal reminiscences, p. 352; Notice of Barber's Strategy grand and minor tactics, p. 353. Jour. U. S. Art., vol. 17.
- Translator of The employment of artillery. Jour. Mil. Serv. Inst. U. S. vol. 7, p. 270. (A)
- Minor tactics. Jour. Mil. Serv. Inst. U. S. vol. 8, p. 130. (A)
- Strategy and leadership. Jour. Mil. Serv. Inst. U. S. vol. 11, p. 573. (A)
- Translator of The Turkish soldier. Jour. Mil. Serv. Inst. U. S., vol. 25, p. 225. (A)
- Report on the grand manœuvres of the Seventeenth Army Corps of the army of France, Sq. O. (A)
- On modern gun cotton. See Foerster (Max von). Compressed gun cotton. (A)
- Translator of: Braun (K.). Short historical sketch of gunpowder.
- Wiswell, Arno (of Maine). Member of Board of Visitors to U. S. M. A. in 1855.
- Wiswell, George F. (of Delaware). Member of Board of Visitors to U. S. M. A. in 1864.
- Withers, John (U. S. M. A., 1849). Died Feb. 3, 1892, aged 65. Obituary in Ann. Assoc. Grads. U. S. M. A., 1892. (A)
- Withers, Jones Mitchell (U. S. M. A., 1835). Died Mar. 13, 1890, aged 77. Obituary in Ann. Assoc. Grads. U. S. M. A., 1890. (A)
- Wolcott, Oliver (of Connecticut). Member of Board of Visitors to U. S. M. A. in 1815.
- Wolfe, N. (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1852.
- Wood, Abram Epperson (U. S. M. A., 1872). Died Apr. 14, 1894, aged 49. Obituary in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Discussion of Marching and camping cavalry (by Bernard). Jour. Cav. Assoc., 1880, p. 160. (A)
- Proper employment of cavalry, p. 114; The horse, p. 329. Jour. Cav. Assoc., 1890. (A)

- Wood, Charles Erskine Scott (U. S. M. A., 1874). Orders, precedents, and opinions relative to military law, and instructions and forms of procedure for courts-martial, with a table of fines and penalties for the use of garrison courts-martial. [n. p., 1880.] 1 vol., O., p. 71. (A)
- Adjutant, U. S. M. A., Feb. 28 to Sept. 8, 1881.
- Librarian U. S. M. A., from July 1, 1881, to Aug. 30, 1882.
- Translator of A book of tales, being some myths of North American Indians. Portland, Oreg., 1901. 1 vol., O. (A)
- Chief Joseph, the Nez-Percé Century. Mag., vol. 28, p. 135.
- Our Indian question. Jour. Mil. Serv. Inst. U. S., vol. 2, p. 123. (A)
- Wood, Edward Edgar (U. S. M. A., 1870). Photograph in Albums of officers' mess.
- Oil portrait (by Frank Fowler) in the Library.
- Professor of modern languages, U. S. M. A., Oct. 1, 1892 to —.
- Historical sketch of the department of modern languages, U. S. M. A. In Rept. Supt. U. S. M. A., 1896, pp. 131-156. (A)
- Wood, George T. (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1860.
- Wood, Oliver Ellsworth (U. S. M. A., 1867). The West Point scrap book. 2d ed. O., 1874. (A)
- Remarks on battery competitions for gunners. Jour. Mil. Serv. Inst. U. S., vol. 16, p. 519. (A)
- Pay for services rendered. Jour. Mil. Serv. Inst. U. S., vol. 18, p. 349. (A)
- Wood, Thomas John (U. S. M. A., 1845). Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Member of Board of Visitors to U. S. M. A. in 1895.
- Oration before the Society of the Army of the Cumberland, Dayton, Ohio, November, 1872. In Sixth reunion of the Army of the Cumberland, Dayton, Ohio, 1872. p. 59. Cincinnati, 1873. (A)
- Wood, William Henry (U. S. M. A., 1845). Died Jan. 1, 1887, aged 63. Obituary in Ann. Assoc. Grads. U. S. M. A., 1887. (A)
- Wood, Winthrop Samuel (U. S. M. A., 1889). The cavalry horse. Jour. Cav. Assoc., 1893, p. 182. (A)
- Fair leather equipments for cavalry. Jour. Cav. Assoc., 1897, p. 520. (A)
- Woodbridge, George (U. S. M. A., 1820). Died Feb. 14, 1878, aged 74. Obituary in Ann. Assoc. Grads. U. S. M. A., 1878. (A)
- Woodbridge, Wyllie (of Georgia). Member of Board of Visitors to U. S. M. A. in 1865.
- Woodbury, Daniel Phineas (U. S. M. A., 1836). Died Aug. 18, 1864, aged 51. Sustaining walls: Geometrical constructions to determine their thickness under various circumstances. Prof. Papers Corps of Eng. U. S. A., No. 3. Washington, 1854. O. (A)
- Treatise on the various elements of stability in the well-proportioned arch, with numerous tables of the ultimate and actual thrust. Prof. Papers, Corps of Eng. U. S. A., No. 7. New York, 1858. O. (A)
- Woodbury, Daniel Phineas. Project, plan, estimate, etc., for the improvement of Norfolk, Va., and Neuse River, N. C., to Cape Fear River, N. C. Rept. Chief of Eng., 1879, vol. 1, p. 387. (C)
- On the horizontal thrust of embankments. In Math. Monthly, vol. 1, p. 175; vol. 2, p. 355. (A)
- Note on the "rule of false." In Math. Monthly, vol. 2, p. 267. (A)
- Woodman, J. S. (of New Hampshire). Member of Board of Visitors to U. S. M. A. in 1860.
- Woodruff, Charles Albert (U. S. M. A., 1871). Comment on Historical sketch of Seventh Infantry. Jour. Mil. Serv. Inst. U. S., vol. 17, p. 181. (A)
- The ideal ration for the Tropics. Jour. Mil. Serv. Inst. U. S., vol. 27, p. 1.
- Woodruff, Eugene Augustus (U. S. M. A., 1866). Died Sept. 20, 1873, aged 32. Project, plan, estimate, etc., for the improvement of Tchefuncta (Chefunct) River, La. Rept. Chief of Eng., 1871, pp. 67, 552, 553. (C)
- Corpus Christi and Aransas Pass, Tex. Rept. Chief of Eng., 1871, pp. 529, 530. (C)
- Tangipahoa River, La. Rept. Chief of Eng., 1871, pp. 551, 553, 554, 946. (C)
- Red River. Rept. Chief of Eng., 1872, pp. 569, 572; 1873, pp. 613, 614, 675; 1874, vol. 1, pp. 704, 706; 1875, vol. 1, p. 526; 1876, vol. 1, p. 598; 1877, p. 482. (C)
- and Howell, Charles Wagoner (U. S. M. A., 1863). Photographic views of Red River raft made in . . . 1873 . . . to accompany their annual report . . . 1873. (A)
- Woodruff, George Augustus (U. S. M. A., 1861). Died July 4, 1863, aged 22. Engraving (by J. C. Buttre) owned by Assoc. Grads. U. S. M. A.
- Woodruff, Israel Carl (U. S. M. A., 1830). Died Dec. 10, 1878, aged 63. Obituary in Ann. Assoc. Grads. U. S. M. A., 1879. (A)
- Project, plan, estimate, etc., for the improvement of Buffalo Harbor, N. Y. Rept. Chief of Eng., 1867, p. 227. (C)
- Wilmington Harbor, Del. Rept. Chief of Eng., 1870, p. 427. (C)
- and Sitgreaves, Lorenzo (U. S. M. A., 1832). Report of the survey of the northern and western boundary lines of the Creek country, 1849. O. Washington, 1858. Explorations and surveys.
- See Boards—Woodruff; Macomb, 4. 9.
- Woodruff, John (of Connecticut). Member of Board of Visitors to U. S. M. A. in 1861.
- Woodruff, Thomas Mayhew (U. S. M. A., 1871). Died July 11, 1899, aged 51. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1900. (A)
- Our northern frontier. [Prize essay.] Jour. Mil. Serv. Inst. U. S., vol. 9, p. 1. (A)
- Translator of Experiments with field mortars. Jour. Mil. Serv. Inst. U. S., vol. 13, p. 595. (A)

- Woods, Charles Robert (U. S. M. A., 1852). Died Feb. 26, 1885, aged 57. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1885; *Harper's New Monthly Mag.*, vol. 70 (1885), p. 979. (A)
- Woods, Joseph Jackson (U. S. M. A., 1847). Died Sept. 27, 1889, aged 67. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1890. (A)
- Editor *Maquoketa Excelsior*, 1865-1869.
- Member of Board of Visitors to U. S. M. A. in 1871.
- Woods, Samuel (U. S. M. A., 1837). Died Sept. 22, 1887, aged 75. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1888. (A)
- Woodyard, J. F. (U. S. M. A., 1868). Map of U. S. M. A. drawn in 1898 . . . and photographed by Capt. F. W. Lewis to the scale of 1 to 1,500.
- Wooten, William Preston (U. S. M. A., 1868). The improvement of the Mississippi River between St. Louis and Cairo. Washington Barracks, 1902. 1 vol., O., 8 pp. (A)
- Worden, Charles Anthony (U. S. M. A., 1872). Died Sept. 21, 1898, aged 51. Photograph in *Albums of officers' mess*.
- Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1899. (A)
- Worth, William Jenkins Commandant of cadets U. S. M. A., 1820-1828.
- Member of Board of Visitors to U. S. M. A. in 1829 and in 1844.
- Worthington, John T. (of Illinois). Member of Board of Visitors to U. S. M. A. in 1852.
- Worthington, Thomas (U. S. M. A., 1827). Died Feb. 23, 1884, aged 80. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1884. (A)
- Volunteer manual. 1861
- *Shiloh: The only correct military history of U. S. Grant and of the missing army records, for which he is alone responsible, to conceal his organized defeat of the Union Army at Shiloh, Apr. 6, 1862.* Washington, 1871. 1 vol., O., pp. 164. (A)
- Wright, Benjamin Hall (U. S. M. A., 1822). Died May 13, 1881, aged 80. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1881. (A)
- National finance. Resumption made easy. Rome, N. Y., 1878. 1 pam., O. (A)
- Wright, Crafts James (U. S. M. A., 1828). Died July 23, 1883, aged 75. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1884. (A)
- Editor *Cincinnati, Ohio, Gazette*, 1847-1853.
- Wright, Edward Maxwell (U. S. M. A., 1866). Died Apr. 24, 1880, aged 34. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1880. (A)
- Revolver, tendency of muzzle to rise measured. Rept. Chief of Ord., 1879, p. 336. (C)
- Report on tests of cartridges and the manufacture of small-arm ammunition at the Frankford Arsenal. Ord. Note 118, vol. 4, p. 185. (A)
- Wright, George (U. S. M. A., 1822). Died July 30, 1865, aged 62. Topographical memoir relative to Indian wars in Oregon and Washington. No. 94, doc. 32. (C)
- Wright, Horatio Gouverneur (U. S. M. A., 1841). Died July 2, 1899, aged 79. Oil painting presented by Mrs. Mary Wright Wootten and Mrs. Rosa Wright Smith, his sisters. In memorial hall.
- Wright, Horatio Gouverneur. Crayon portrait. In the possession of Mrs. Mary Wright Wootten and Mrs. Rosa Wright Smith [for some years—till 1902—deposited with the Association of Graduates at West Point].
- Engraving (by A. H. Ritchie) owned by Assoc. Grads. U. S. M. A.
- Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1900. (A)
- Shoal in Garden Key Channel, Tortugas. U. S. Coast Survey Rept., 1854, pp. 17, 62, *24. (A)
- Project, plan, estimate, etc., for the improvement of St. Johns River, Fla. Rept. Chief of Eng., 1878, p. 584. (C)
- Reports of the Chief of Engineers, 1870-1884.
- with Barnard, John Gross (U. S. M. A., 1833), and Michie, Peter Smith (U. S. M. A., 1863). Report on the fabrication of iron for defensive purposes and its uses in modern fortifications, especially in works of coast defense. Prof. Papers Corps of Eng., U. S. A., No. 21 with supp. Washington, 1871. Q. (A)
- See Boards—Wright; Barnard, 5, 6, Simpson, 1; Tower, 1, 2, 3, 4, 5, 6; Woodruff, 5, 9
- See Commissions—Humphreys, 2. (A)
- Wright, J. M. (of Kentucky). Member of Board of Visitors to U. S. M. A. in 1895.
- Wright, Moses Hamibal (U. S. M. A., 1850). Died Jan. 8, 1886, aged 50. Obituary and portrait in *Ann. Assoc. Grads. U. S. M. A.*, 1886. (A)
- Wright, William Henry (U. S. M. A., 1838). Brief practical treatise on mortars . . . 1 vol., O., 1845. (A)
- Wyatt, Walter Scott (U. S. M. A., 1871). Photograph in *Albums of officers' mess*.
- Wyse, Francis Octavus (U. S. M. A., 1837). Died Jan. 21, 1893, aged 82. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1893. (A)
- Yates, Joseph C. Member of Board of Visitors to U. S. M. A. in 1833.
- Yeaton, Franklin (U. S. M. A., 1860). Died Aug. 17, 1872, aged 24. Obituary in *Ann. Assoc. Grads. U. S. M. A.*, 1873. (A)
- Yoakum, Henderson K. (U. S. M. A., 1832). Died Nov. 20, 1856, aged 46. History of Texas from 1685 to 1846, from its first settlement to its annexation to the United States. 1856
- Yoder, S. S. (of Ohio). Member of Board of Visitors to U. S. M. A. in 1889.
- Young, Prof. Charles A. (of New Hampshire). Member of Board of Visitors to U. S. M. A. in 1870.
- Young, Pierce M. B. (of Georgia). Member of Board of Visitors to U. S. M. A. in 1874.
- Young, Richard W. (of Utah). Member of Board of Visitors to U. S. M. A. in 1902.
- Young, Willard (U. S. M. A., 1875). Photograph in *Albums of officers' mess*.
- Project, plan, estimate, etc., for the improvement of Yaquina Bay, Oreg. Rept. Chief of Eng., 1889, pp. 2519, 2521; 1890, p. 2770. (C)
- Clackamas River, Oreg. Rept. Chief of Eng., 1889, p. 2524. (C)

- Young, Willard.** Project, plan, estimate, etc., for the improvement of Tualatin River, Oreg. Rept. Chief of Eng., 1889, p. 2526. (C)
- Umpqua River, Oreg. Rept. Chief of Eng., 1889, p. 2527. (C)
- Youngs and Klaskuine rivers, Oreg. Rept. Chief of Eng., 1890, p. 2993. (C)
- Nehalem Bay and Bar, Oreg. Rept. Chief of Eng., 1890, p. 2998. (C)
- Siuslaw River and Bar, Oreg. Rept. Chief of Eng., 1890, p. 3003. (C)
- Young, William Clark** (U. S. M. A., 1822). Died Dec. 22, 1893, aged 94. Obituary and portrait in Ann. Assoc. Grads. U. S. M. A., 1894. (A)
- Yulee, D. L.** (of Florida). Member of Board of Visitors to U. S. M. A. in 1847.
- Zinn, George Arthur** (U. S. M. A., 1883). Photograph in Albums of officers' mess.
- Project, plan, estimate, etc., for the improvement of Mississippi River. Rept. Chief of Eng., 1895, p. 3672. (A)
- harbor at Oconto, Wis. Rept. Chief of Eng., 1896, p. 2561. (A)
- Manitowoc Harbor, Wis. Rept. Chief of Eng., 1896, p. 2566. (A)
- Kenosha Harbor, Wis., harbor lines. Rept. Chief of Eng., 1896, p. 2569. (A)
- Zinn, George Arthur.** Project, plan, estimate, etc., for the improvement of harbor at Ahnapee, Wis. Rept. Chief of Eng., 1897, p. 2756. (A)
- Sheboygan Harbor, Wis. Rept. Chief of Eng., 1897, p. 2762. (A)
- Milwaukee Harbor, Wis. Rept. Chief of Eng., 1897, p. 2765. (A)
- harbor at Racine, Wis. Rept. Chief of Eng., 1897, p. 2768. (A)
- harbor at Kenosha, Wis. Rept. Chief of Eng., 1897, p. 2773. (A)
- Ohio River. Rept. Chief of Eng., 1899, p. 2553. (A)
- Green River, Ky. Rept. Chief of Eng., 1900, p. 3542. (A)
- Demolition of concrete gun platforms and magazines at Fort Monroe, Va. Jour. U. S. Art., vol. 1, p. 392.
- Coast artillery fire instruction, p. 202; Review of professional papers of the Corps of Engineers, vol. 29, p. 519. Jour. U. S. Art., vol. 3.
- See Boards—Stickney, S.
- See West Point, maps, 1886.
- Zoeller, Christian E.** Teacher of drawing, U. S. M. A., 1808-1810 and 1812-1819.

LIST OF GRADUATES OF THE UNITED STATES MILITARY ACADEMY. 1802-1902.

[COMPILED BY W. L. OSTRANDER.]

The names are alphabetically arranged, with the year of graduation and the number in Cullum's Biographical Register. The sign † signifies that the graduate died before July 1, 1902.

Name.	Year.	No.	Name.	Year.	No.
Abbot, Frederic V.	1879	2760	Allen, Cyrus M.	1865	207
Abbot, Henry †	1807	3796	Allen, Ernest E. †	1900	3978
Abbot, Henry L.	1854	1632	Allen, Ethan A. †	1806	22
Abbot, Stephen	1902	4083	Allen, Hannibal M. †	1804	7
Abbot, William	1872	2418	Allen, Harvey A. †	1841	1073
Abbott, Edward F. †	1847	1359	Allen, Henry T.	1882	2951
Abercrombie, John J. †	1822	322	Allen, James †	1829	575
Abernethy, Robert S.	1897	3750	Allen, James †	1831	631
Albert, James W. †	1812	1165	Allen, James	1872	2438
Albert, John J. †	1811	71	Allen, James G. †	1826	462
Adair, John	1861	1900	Allen, Jesse K. †	1855	1708
Adair, Samuel E.	1883	2989	Allen, John H. †	1833	728
Adams, Edward M.	1900	3941	Allen, Leven C.	1872	4443
Adams, Granger	1876	2609	Allen, Lucius H. †	1839	1600
Adams, Henry M.	1866	2115	Allen, Robert †	1836	874
Adams, Henry R.	1887	3235	Allen, Robert T. P. †	1834	754
Adams, Isaac A. †	1817	103	Allen, Samuel E.	1881	2886
Adams, John †	1846	1266	Allen, Vanderbilt †	1864	2033
Adams, Julius W. †	1861	1950	Allen, William T. †	1845	1253
Adams, Milton B.	1865	2051	Alley, John W.	1850	1481
Adams, Sterling P.	1892	3477	Allison, James N.	1871	2301
Adams, Thomas B. †	1828	519	Allston, Benjamin †	1853	1904
Adams, Thomas R.	1867	2217	Allston, Robert F. W. †	1821	271
Ahern, George P.	1882	2968	Allston, Samuel R. †	1825	428
Aisquith, William E. †	1827	450	Almy, Jacob †	1867	2196
Albright, Frank H.	1887	3237	Almy, William E. †	1879	2823
Alden, Bradford R. †	1831	653	Alstaetter, Frederick W.	1897	3747
Aleshire, James B.	1880	2834	Alvord, Benjamin †	1833	728
Alexander, Barton S. †	1842	1117	Alvord, Benjamin, jr.	1882	2948
Alexander, Edmund B. †	1823	358	Alvord, Charles B. †	1849	1445
Alexander, E. Porter	1857	1762	Ames, Adelbert	1861	1802
Alexander, James B. S. †	1856	1747	Ames, Butler	1804	3887
Alexander, John H. †	1887	3205	Ames, Thales L.	1805	3627
Alexander, Newton F. †	1852	1537	Ammen, Jacob †	1831	649
Alexander, Thomas L. †	1830	615	Amory, Thomas J. C. †	1851	1523
Alexander, Walter S.	1879	2766	Amos, Frank P.	1900	3998
Allaire, William H.	1882	2994	Anderson, Allen L.	1859	1849
Allanson, John S. †	1814	95	Anderson, Edward	1888	3297
Allen, Augustus P. †	1836	850	Anderson, Edward D.	1891	3394
Allen, Charles J.	1864	2034	Anderson, George B. †	1882	1545
Allen, Charles M.	1902	4080	Anderson, George L.	1874	2510

Name.	Year.	No.	Name.	Year.	No.
Anderson, George S.	1871	2374	Avery, Frank P.	1875	2741
Anderson, James J. †	1825	421	Avis, Edward S.	1880	2846
Anderson, James W. †	1833	741	Ayer, Waldo E.	1884	3051
Anderson, John †	1807	28	Ayers, George W. †	1841	1068
Anderson, Joseph R. †	1836	845	Ayres, James C. †	1871	2372
Anderson, Richard H. †	1842	1150	Ayres, Romeyn B. †	1847	1352
Anderson, Robert †	1825	460	Babbitt, Edwin B. †	1826	456
Anderson, Robert H. †	1857	1744	Babbitt, Edwin B.	1854	3039
Anderson, Samuel S. †	1841	1076	Babbitt, Lawrence S.	1861	1947
Anderson, William H.	1892	3493	Babcock, Conrad S.	1898	3857
Andrews, Avery D.	1886	3110	Babcock, Orville E. †	1861	1890
Andrews, George †	1823	344	Babcock, Samuel †	1808	32
Andrews, George	1876	2627	Babcock, Walter C.	1893	3536
Andrews, George L. †	1851	1494	Bache, Alexander D. †	1825	392
Andrews, George P. †	1845	1245	Bache, Hartman †	1818	198
Andrews, Henry M.	1874	2511	Backus, Electus †	1824	388
Andrews, James M.	1890	3360	Backus, George B. †	1875	2571
Andrews, John N.	1860	1879	Bacon, Alexander S.	1876	2596
Andrews, Lincoln C.	1893	3524	Bacon, George E. †	1871	2383
Andrus, Edwin P.	1875	2509	Bacon, George R.	1869	2302
Andrus, Frank B.	1851	2923	Bacon, John D. †	1840	1058
Andruss, E. Van Arsdale	1864	2038	Bacon, Rufus J. †	1846	1294
Ansell, Samuel T.	1899	3898	Bacot, Richard H. †	1841	1088
Applewhite, Hugh La J.	1897	3790	Badollet, James P. †	1814	116
Archer, John †	1820	453	Baer, Joseph A.	1900	3949
Archer, Robert H. †	1832	694	Bagby, Arthur P.	1852	1574
Arden, Thomas B. †	1835	834	Bailey, Albert S. †	1878	2732
Armistead, Frank S. †	1856	1744	Bailey, Charles J.	1880	2834
Armistead, Walker K. †	1803	3	Bailey, Frederick W. †	1865	2083
Armstrong, Bezaleel W. †	1845	1252	Bailey, Guilford D. †	1850	1727
Armstrong, Frank S.	1891	3415	Bailey, Harry L.	1876	2625
Armstrong, John †	1814	101	Bailey, Jacob W. †	1832	666
Armstrong, Robert L. †	1814	115	Bailey, Thomas N. †	1873	2471
Armstrong, William †	1837	918	Bainbridge, Edmund C.	1856	1730
Arnold, Abraham K. †	1845	1845	Bainbridge, Henry †	1821	282
Arnold, Conway H., jr.	1895	3628	Bainbridge, William P. †	1824	371
Arnold, Frederick T.	1897	3762	Baird, Absalom	1849	1415
Arnold, Isaac †	1862	1079	Baird, George H.	1901	4057
Arnold, Lewis G. †	1837	900	Baird, Thomas J. †	1814	113
Arnold, Richard †	1850	1492	Baird, William	1875	2577
Arnold, Ripley A. †	1138	973	Baker, Charles T. †	1842	1160
Arnold, Samuel B.	1892	3485	Baker, Chauncey B.	1886	3137
Arvin, William B. †	1836	872	Baker, David J.	1886	3125
Ashburn, Thomas Q.	1897	3802	Baker, Eugene M. †	1859	1836
Ashley, Richard H. †	1811	64	Baker, Frank.	1872	2415
Aspinwall, John †	1869	2242	Baker, Joshua †	1819	212
Audenried, Joseph C. †	1861	1949	Baker, Lawrence S.	1851	1535
Augur, Ammon A.	1877	2687	Baker, Robert F. †	1836	880
Augur, Christopher C. †	1843	1182	Baker, William H. †	1828	520
Augur, Jacob A.	1869	2280	Baker, William P.	1887	3223
Augustin, Joseph N., jr. †	1895	3660	Balch, George T. †	1851	1496
Aultman, Dwight E.	1894	3576	Baldwin, Alexander G. †	1826	463
Austin, Ivers J. †	1828	513	Baldwin, John M. †	1875	2561
Austin, James I. †	1828	513	Baldwin, William H.	1877	2702
Austine, William	1838	965	Ballance, John G.	1875	2587
Averell, William W. †	1855	1702	Ballou, Charles C.	1880	3159
Averill, Nathan K.	1895	3629	Baltzell, George P.	1897	3786

List of Graduates of United States Military Academy. 399

Name.	Year.	No.	Name.	Year.	No.
Bandholtz, Harry H.	1860	3359	Beacom, Edgar S.†	1873	380
Bankhead, Henry C.†	1850	1484	Beacom, John H.	1882	381
Barbarin, Francis N.†	1820	437	Beall, Lloyd J.†	1850	382
Barber, George C.†	1848	1492	Beall, Thomas J.†	1871	383
Barber, Thomas H.	1867	2178	Beall, William N. R.†	1818	384
Barbour, John L.	1881	2898	Beaman, Jenks†	1842	1145
Barbour, Philip N.†	1834	777	Bean, William H.	1801	3144
Barden, William J.	1804	3564	Beardslee, Guy R.	1871	2826
Barker, John W.	1894	3611	Beardsley, John	1841	1684
Barlow, John W.	1861	1901	Beaumont, Eugene B.	1861	1619
Barlow, Warren S.	1897	3804	Beauregard, P. G. T.†	1848	942
Barnard, John G.†	1833	708	Beck, Robert McC. jr.	1901	4023
Barnett, Jonathan G.†	1833	708	Beckham, Robert B.†	1851	1830
Barnes, James†	1829	545	Beckley, Alfred†	1823	584
Barnes, Joseph F.	1901	4010	Beckwith, Amos†	1880	1470
Barnett, Charles R.	1868	2235	Beckwith, Edward G.†	1842	1123
Barnett, John T.	1878	2730	Bee, Barnard E.†	1845	1213
Barney, George F.	1882	2940	Beebe, William S.†	1863	2009
Barney, Joshua†	1820	249	Bell, David†	1851	1511
Barnhardt, George C.	1892	3466	Bell, Edwin	1894	3597
Barnum, Malvern H.	1886	3138	Bell, George	1853	1502
Barnwell, Thomas O.†	1834	772	Bell, George, jr.	1880	2869
Barrette, John D.	1885	3066	Bell, James E.†	1867	2176
Barriger, John W.	1856	1723	Bell, James F.	1878	2784
Barrios, Antonio	1889	3329	Bell, James F.	1802	4974
Barroll, Morris K.	1889	3298	Bell, John R.†	1812	71
Barry, Garrett†	1839	1010	Bell, Ola W.	1866	670
Barry, John W.†	1830	594	Bell, William H.†	1820	235
Barry, Thomas Henry	1877	2679	Bell, William H.	1858	1818
Barry, William F.†	1838	987	Bellinger, John B.	1884	3050
Barth, Charles H.	1881	2910	Beltzhoover, Daniel M.†	1847	1342
Bartlett, George T.	1881	2888	Benchley, Edmund N.†	1898	3840
Bartlett, William C.	1862	1986	Benét, J. Walker	1880	2860
Bartlett, William H. C.†	1826	429	Benét, Stephen V.†	1849	1409
Barton, Seth M.†	1849	1434	Benham, Henry W.†	1837	891
Rascom, George N.†	1858	1823	Benjamin, Calvin†	1842	1120
Bash, Lewis H.	1895	3663	Benjamin, Julian A.	1900	3974
Basinger, William E.†	1830	588	Benjamin, Samuel N.†	1891	1899
Bass, Edgar W.	1868	2222	Bennet, John B.	1891	3412
Bassel, James	1867	2186	Bennett, Charles A.	1881	2890
Bassette, Buell B.	1893	3539	Bennett, Clarence E.	1855	1701
Batchelder, James E.†	1868	2261	Bennett, John†	1856	1725
Bates, Alfred E.	1865	2063	Bennett, Napoleon B.†	1824	366
Bates, Francis H.†	1850	1472	Bennett, Thomas†	1866	21
Bates, Joshua H.	1837	915	Benson, Harry C.	1882	2938
Batman, Mark W.†	1823	341	Bent, Charles L.	1894	3605
Battle, John S.	1894	3604	Benton, Elisha S.	1884	3040
Baxter, George W.	1877	2688	Benton, James G.†	1842	1121
Baxter, John, jr.	1877	2703	Benton, James W.†	1885	3093
Bayard, George D.†	1856	1721	Benyard, William H. H.†	1863	2000
Baylor, Thomas G.†	1857	1766	Bergland, Eric	1899	2273
Beach, Francis†	1857	1775	Berkeley, Hugh D.	1894	3584
Beach, Francis H.	1887	3210	Berrien, John M.†	1820	455
Beach, John†	1832	699	Berrier, Francis N.†	1815	137
Beach, Lansing H.	1882	2934	Berry, Alga P.	1896	3686
Beach, Warren C.	1865	2107	Berry, Benjamin A.†	1841	1102
Beach, William D.	1879	2783	Berry, Daniel G.	1898	3839

Name.	Year.	No.	Name.	Year.	No.
Berry, John A.	1901	4035	Blunt, Albert C.	1881	2893
Berry, Lucien G.	1886	3105	Blunt, Charles E.†	1846	1274
Berry, Thomas J.†	1857	1770	Blunt, Matthew M.	1853	1580
Berryman, Henry†	1817	174	Blunt, Stanhope E.	1872	2413
Bertsch, William H.	1891	3408	Board, Buckner†	1838	950
Best, Clermont I.†	1847	1351	Bodfish, Sumner H.†	1868	2270
Bethel, Walter A.	1880	3225	Boggs, Frank C.	1808	3809
Bettens, Philip A.†	1885	3088	Boggs, William R.	1853	1582
Bettison, William R.	1901	4020	Boisaulin, Marie V.†	1811	54
Betts, William H.†	1835	805	Bolles, Asa†	1862	1083
Bibb, John J. C.†	1844	1229	Bolles, Frank C.	1806	3737
Bibb, Lucien L.†	1827	474	Bolton, Edwin B.	1875	2588
Bickley, William†	1824	378	Bomford, George†	1805	8
Bicknell, John Y.†	1844	1215	Bomford, James V.†	1832	695
Biddle, John	1881	2880	Bonus, Peter S.	1870	2346
Biddle, William S.	1885	3079	Bonaparte, Jerome N.†	1852	1546
Bigelow, Charles H.†	1835	787	Bond, Adolphus P.†	1851	1528
Bigelow, John.	1877	2686	Bond, Paul Stanley	1900	3948
Bigelow, Mortimer O.	1895	3634	Bonesteel, Charles H.	1876	2615
Biggs, Herman†	1856	1745	Bonneau, Richard V.†	1852	1577
Bingham, Judson D.	1854	1639	Bonnell, Joseph†	1825	418
Bingham, Theodore A.	1879	2762	Bonneville, Benjamin L. E.†	1815	155
Bingham, Thomas	1850	1478	Booker, Jacob J.†	1843	1179
Birdsall, Egbert B.†	1823	360	Bookmiller, Edwin V.	1889	3309
Birdsall, Stephen†	1814	98	Booth, Charles A.	1872	2439
Birkhimer, William E.	1870	2330	Booth, John C.†	1848	1392
Birnie, Rogers	1872	2411	Booth, William L.†	1814	112
Birnie, Upton, jr.	1900	3962	Borland, Harold	1860	1887
Bishop, Harry G.	1897	3795	Borup, Henry D.	1876	2607
Bishop, Joel S.	1873	2497	Bottoms, Sam. F.	1897	3803
Bissell, George R.	1853	1588	Botts, Archibald B.†	1846	1328
Bixby, William H.	1873	2468	Boughton, Daniel H.	1881	2887
Black, Frederick F.	1902	4110	Bouis, Pascal Vincent†	1806	13
Black, Henry M.†	1847	1354	Bourke, James C.	1887	3199
Black, William M.	1877	2641	Bourke, John G.†	1869	2283
Blair, Francis P.	1877	2650	Bowdoin, George R. J.†	1829	578
Blair, Montgomery†	1835	803	Bowen, Achilles†	1850	1459
Blair, William B.†	1838	951	Bowen, Edgar C.	1865	2096
Blake, Edmund M.	1880	3288	Bowen, Frank S.	1900	3978
Blake, Edward D.†	1847	1367	Bowen, Isaac†	1842	1125
Blake, Jacob E.†	1833	731	Bowen, John S.†	1853	1591
Blake, John Y. F.	1880	2806	Bowen, Nicholas†	1860	1850
Blakely, George	1892	3453	Bowes, John R.†	1819	208
Blanchard, Albert G.†	1829	566	Bower, David H.	1902	4116
Blanchard, Sawyer†	1892	3465	Bower, Nathaniel E.	1901	4008
Blaney, George†	1815	146	Bowley, Albert J.	1897	3754
Blaney, James R.†	1819	227	Bowman, Alexander H.†	1825	394
Bledsoe, Albert T.†	1830	602	Bowman, Andrew W.†	1841	1098
Bliss, Horace†	1822	290	Bowman, Charles S.†	1860	1875
Bliss, John†	1811	66	Bowman, James M.†	1832	704
Bliss, Tasker H.	1875	2557	Boyce, William M.†	1822	305
Bliss, William W. S.†	1833	715	Boyd, Charles T.	1896	3729
Bliss, Zenas R.†	1854	1671	Boyd, Joseph B.†	1839	1003
Blockson, Augustus P.	1877	2602	Boyd, Orsenus B.†	1867	2216
Bloodgood, William†	1824	383	Boynton, Edward C.†	1846	1283
Bloom, Jacob E.	1873	2474	Bruckett, John E.†	1832	677

a Name changed from S. B. Hamilton, 1902.

List of Graduates of United States Military Academy. 401

Name.	Year	No.	Name.	Year	No.
Bradbury, Lucius	1835	856	Brown, Austin H.	1885	3972
Braden, Charles	1860	2291	Brown, Earl I.	1898	3514
Bradford, Edmund †	1837	909	Brown, Edward O.	1881	2881
Bradford, James A., jr. †	1827	473	Brown, Edward T.	1873	2493
Bradford, James H., jr.	1868	3865	Brown, Fred R.	1860	3023
Bradford, Thomas C. †	1861	1938	Brown, George LeR.	1872	2458
Bradley, Charles A.	1877	2680	Brown, George M.	1890	3368
Bradley, John J.	1891	437	Brown, Gustavus †	1829	556
Brady, Edward W.	1869	2307	Brown, Hachahah †	1812	1135
Brady, James F.	1897	3789	Brown, Harvey †	1818	185
Bragg, Braxton †	1837	895	Brown, Jacob †	1832	688
Braunman, John M. †	1841	1081	Brown, John A. †	1849	1287
Braunsford, Samuel J. †	1830	849	Brown, Lewis, jr.	1901	4028
Braut, Louis P.	1873	2505	Brown, Lytle	1808	3512
Bratt, John †	1837	891	Brown, Micah R. †	1865	2050
Breck, Samuel	1855	1683	Brown, Oscar J.	1877	2692
Breckinridge, Charles H. †	1865	2085	Brown, Robert A.	1885	3668
Brent, Robert C. †	1815	132	Brown, Rufus P. †	1866	2143
Brent, Thomas L. †	1835	840	Brown, Theophilus B. †	1820	446
Brent, Thomas L., jr. †	1865	2084	Brown, Thompson S. †	1825	395
Brereton, John J. †	1877	2601	Brown, Walter S.	1899	3907
Brereton, Thomas J. †	1843	1160	Brown, William A. †	1838	965
Brett, Lloyd M.	1879	2793	Brown, William C.	1877	2681
Brewer, Alonzo †	1815	136	Brown, William Spencer †	1835	800
Brewer, Richard H. †	1858	1809	Browne, Beverly F.	1901	4028
Brewerton, Henry †	1810	207	Browne, Edward H.	1879	2813
Brewster, Alden F.	1901	4034	Browning, William S.	1901	4006
Brice, Benjamin W. †	1829	580	Bruce, William E. †	1887	3214
Brice, Pressley K.	1900	3986	Bruff, Lawrence L.	1870	2595
Bricker, Edwin D.	1868	3835	Brumbach, Virgil J.	1881	2914
Bridges, Charles H.	1897	3807	Brunby, Arnoldus V. †	1835	792
Bridgman, Victor H.	1875	2560	Brunot, Hilary †	1814	120
Briggs, Frank O.	1872	2416	Brush, Alfred †	1832	680
Briggs, Obadiah F.	1872	2416	Brush, Daniel H.	1871	2401
Brigham, Claude E.	1901	4051	Brush, John S. †	1812	83
Brightly, Charles H. †	1861	1961	Bryan, Edward B. †	1848	1386
Brisbane, Abbott H. †	1825	401	Bayan, Francis T.	1840	1277
Britton, Forbes †	1834	782	Bryan, Goode †	1834	774
Brockenbrough, Austin †	1819	222	Bryan, Roger B.	1883	3000
Brockway, Thomas C. †	1808	536	Bryan, Timothy M. †	1855	1793
Brodie, Alexander O.	1870	2338	Bryant, Arthur H.	1901	4018
Brodick, Patrick T. †	1868	2253	Bryant, Cullen	1864	2935
Bromwell, Charles S.	1890	3334	Bryant, William †	1826	431
Brooke, Edmund †	1814	100	Bryce, Joseph Smith †	1829	547
Brooke, Francis J. †	1826	460	Buchanan, Robert C. †	1830	617
Brooke, Leonard O. †	1818	200	Buchanan, William P. †	1820	243
Brooke, Mark	1902	4072	Buck, Beaumont B.	1885	3087
Brooke, Robert S. †	1820	238	Buck, Daniel A. A. †	1808	31
Brookes, Albert S.	1895	3652	Buck, Frederick I.	1900	3958
Brookfield, Robert M.	1896	3707	Buck, Lodus L. †	1812	74
Brooks, Edward C.	1886	3136	Buck, William L.	1878	2733
Brooks, Horace †	1835	794	Buckey, Mervyn C.	1867	3791
Brooks, John C. W.	1885	3664	Buckingham, Catharinus P. †	1829	549
Brooks, Lorenzo I. C.	1879	2776	Buckner, Simon B.	1844	1216
Brooks, William T. H. †	1841	1104	Buel, David H. †	1861	1942
Broom, Thomas R. †	1814	119	Buell, Don Carlos †	1841	1000
Brotherton, David H. †	1854	1674	Buffington, Adelbert R.	1861	1894

Name.	Year.	No.	Name.	Year.	No.
Bnford, Abraham †	1841	1109	Cabell, De Rosey C.	1884	3038
Bnford, John †	1845	1384	Cabell, Henry C.	1883	3012
Bnford, Napoleon B. †	1827	475	Cabell, Lawrence D.	1899	3926
Bugge, Jens, jr.	1895	3620	Cabell, William L.	1850	1482
Bullard, Robert L.	1885	3084	Cadle, Joseph †	1824	380
Bullock, Edwin C. †	1883	2085	Cady, Alhemarle †	1829	564
Bundel, Charles M.	1899	3099	Caldwell, Frank M.	1890	3361
Bundy, Omar.	1883	3018	Caldwell, James N. †	1840	1041
Bunnell, George W., jr.	1889	3876	Caldwell, Vernon A.	1890	3384
Burbank, John G. †	1841	1091	Calef, John H.	1862	1988
Burbank, Sidney †	1829	557	Calhoun, Patrick †	1841	1098
Burchstead, Henry A. †	1811	67	Calhoun, William R. †	1850	1476
Burdine, Clark	1821	263	Callan, Robert E.	1896	3672
Burgess, Harry	1895	3618	Callender, Franklin D. †	1839	993
Burgess, Louis R.	1892	3462	Calvert, Robert B.	1809	3915
Burgwin, John H. K. †	1830	614	Cameron, George H.	1883	2997
Burke, Martin J. †	1836	869	Camp, William H.	1886	3115
Burkhardt, Samuel	1890	3326	Campbell, Archibald †	1835	809
Burnet, Robert W. †	1829	581	Campbell, Archibald.	1889	3302
Burnett, Charles	1901	4049	Campbell, Charles C.	1861	1911
Burnett, George R.	1880	2876	Campbell, John A. †	1867	2211
Burnett, Isaac R. D. †	1833	730	Campbell, Joseph B. †	1861	1954
Burnett, Ward B. †	1832	678	Campbell, Quintin †	1866	2148
Burnham, Arthur H. †	1864	2021	Campbell, Renben P. †	1840	1043
Burnham, James D. †	1825	422	Campbell, Stephen H. †	1838	944
Burns, James D. †	1853	1593	Canby, Edward R. S. †	1839	1015
Burns, William W. †	1847	1358	Canfield, Augustus †	1822	298
Burnside, Ambrose E. †	1847	1348	Canfield, Edward, jr.	1901	4011
Burnside, Wm. A.	1890	3721	Cantwell, John T.	1864	2030
Burr, Edward	1882	2932	Caples, William G.	1901	4001
Burr, George W.	1888	3241	Capron, Allyn †	1867	2188
Burroughs, George †	1862	1969	Capron, Erastus A. †	1833	716
Burrows, Charles W.	1870	2328	Capron, Seth M.	1821	278
Burt, Charles S.	1880	2832	Carbaugh, Harvey C.	1882	2943
Burt, Reynolds J.	1896	3723	Carey, Asa B.	1858	1817
Burton, George H.	1865	2080	Carey, Edward C.	1893	3557
Burton, Henry S. †	1839	994	Carleton, Gny.	1881	2895
Burton, Oliver G. †	1808	37	Carleton, Guy E.	1901	4020
Burt, Wilson B.	1899	3906	Carlin, William P.	1850	1460
Burtwell, John R. B. †	1860	1870	Carling, Elias B. †	1859	1834
Burwell, William T. †	1844	1220	Carlisle, Josiah H. †	1845	1239
Bush, Edward G. †	1859	1832	Carlton, Caleb H.	1859	1842
Bush, James C.	1875	2568	Carmichael, Roderick L.	1897	3794
Bush, Ross L.	1891	3409	Carpenter, Stephen D. †	1840	1051
Busbfield, Llewellyn N.	1899	3894	Carpenter, Wade H.	1902	4076
Butler, Ben. J. †	1877	2694	Carr, Eugene A.	1850	1468
Butler, Edward G. W. †	1820	240	Carr, Milton T. †	1854	1648
Butler, John G.	1863	2014	Carr, Overton †	1872	2412
Butler, Matthew C.	1888	3281	Carrington, Frank de I.	1878	2738
Butler, Robert Q. †	1839	987	Carrol, Samuel S. †	1856	1754
Butler, William P.	1866	2124	Carrow, Charles M. †	1878	2748
Butner, Henry W.	1898	3826	Carson, Clifford C.	1900	3972
Buttler, William C.	1876	2618	Carson, John M.	1885	3071
Butts, Edmund I.	1890	3383	Carson, Thomas G.	1894	3594
Byram, George I.	1885	3089	Carter, Clifton C.	1899	3888
Byron, Joseph C.	1886	3132	Carter, Eugene †	1861	1962
Cabaniss, Charles H.	1874	2528	Carter, Jesse McI.	1886	3133

List of Graduates of United States Military Academy. 403

Name.	Year.	No.	Name.	Year	No.
Carter, Lawrence F.†	1825	412	Chase, William H.†	1865	2056
Carter, Oberlin M.	1880	2827	Cheney, Sherwood A.	1897	3746
Carter, Robert G.	1870	2349	Cherry, Samuel A.†	1875	2584
Carter, William H.	1873	2502	Chester, Eliphalet N.†	1867	2213
Cartwright, George S.†	1885	3082	Chiffelle, Thomas P.†	1836	889
Casad, Adam F.	1902	4079	Childe, John†	1827	471
Casey, Edward W.†	1873	2501	Childs, Frederick L.†	1855	1685
Casey, John C.†	1829	551	Childs, Thomas†	1814	97
Casey, John J.†	1868	2231	Chiles, Seaborn G.	1897	3800
Casey, Silas†	1826	467	Chilton, Robert H.†	1837	938
Casey, Thomas†	1838	948	Chittenden, Hiram M.	1884	3023
Casey, Thomas L.	1879	2761	Chitty, William D.	1896	3735
Casey, Thomas Lincoln†	1852	1536	Chouteau, Auguste†	1806	14
Cass, George W.†	1832	665	Chrisman, Edward R.	1888	3261
Cassatt, Edward B.	1893	3542	Christian, John B.	1896	3681
Castle, Charles W.	1894	3572	Church, Albert E.†	1828	508
Castor, Thomas F.†	1846	1299	Church, John R.†	1855	1692
Catlin, Edward H.	1880	2836	Churchill, Marlborough†	1836	854
Catlin, Julius†	1824	389	Churchill, Richard C.	1896	2127
Catlin, Robert	1863	2015	Churchill, William H.†	1840	1024
Cavenagh, Harry LaT.	1895	3030	Churchman, Clarke†	1898	3848
Cavanaugh, James B.	1892	3450	Chynoweth, Edward.	1877	2668
Cecil, George R.	1874	2526	Claffin, Ira W.†	1857	1786
Center, Alexander J.†	1827	491	Clark, Charles B.	1899	3885
Center, John P.†	1833	736	Clark, Charles C.	1890	3379
Chadbourne, Theodore L.†	1843	1181	Clark, Charles H.	1875	2558
Chaffee, Clemens C.†	1862	1974	Clark, Darius D.†	1849	1446
Chalfin, Samuel F.†	1847	1337	Clark, Dillard H.	1873	2496
Chalmers, Charles B.†	1834	761	Clark, Elmer W.	1893	3531
Chamberlain, Benjamin F.†	1853	1605	Clark, Francis W.	1901	4009
Chamberlain, John L.	1880	2831	Clark, Henry†	1822	325
Chamberlaine, William	1892	3467	Clark, Henry B.	1899	3902
Chambers, Alexander†	1853	1621	Clark, Hollis C.	1891	3424
Chambers, James A.†	1820	239	Clark, James†	1829	574
Chambers, Joseph N.†	1818	186	Clark, John D.†	1842	1146
Chambliss, John R.†	1853	1609	Clark, Joseph C.	1848	1377
Chambliss, Nathaniel R.†	1861	1896	Clark, Meriwether L.†	1830	609
Champlain, Samuel†	1807	29	Clark, Michael M.†	1826	443
Chandler, Elias	1880	2851	Clark, Nelson N.†	1827	507
Chandler, John G.	1853	1599	Clark, Satterlee†	1807	27
Chandler, Walter S.†	1830	589	Clark, Wallis O.	1877	2709
Chapin, Edward S.†	1870	2320	Clark, William F.	1890	3364
Chapin, Gurden†	1851	1518	Clark, William P.†	1868	2244
Chaplin, Winfield S.	1870	2313	Clarke, Alexander S.	1864	2037
Chapman, Alfred B.	1854	1659	Clarke, Francis N.†	1840	1027
Chapman, James R.	1880	2865	Clarke, Henry F.†	1843	1178
Chapman, Orren†	1846	1300	Clarke, Powhatan H.†	1884	3057
Chapman, William†	1831	643	Clary, Robert E.†	1828	520
Chapman, William H. H.	1891	3443	Clay, Henry†	1831	630
Chapman, William W.†	1837	807	Clay, Joseph†	1825	427
Charles, Oscar J.	1895	3666	Clayton, Bertram T.	1896	3141
Chase, Arthur W.	1892	3456	Clendenin, John M.†	1830	627
Chase, George E.†	1828	516	Clitz, Henry B.†	1845	1266
Chase, George F.	1871	2394	Cloke, Harold E.	1897	3808
Chase, George N.	1877	2700	Cloman, Sydney A.	1889	3321
Chase, Leslie†	1838	961	Closson, Henry W.	1854	1638
Chase, William H.†	1815	150	Cobb, Edmund M.†	1870	2340

Name	Year.	No.	Name.	Year.	No.
Cobb, James D.†	1811	58	Cooke, Philip St. George†	1827	492
Cobb, Samuel K.†	1828	532	Cooley, William M.	1901	4058
Coburn, Joseph I.†	1834	775	Coombs, William H.†	1868	2272
Cochett, Frank S.	1894	3590	Cooper, George†	1815	138
Cochran, Charles H.†	1883	3006	Cooper, Hiram M.	1902	4115
Cochran, Robert M.†	1838	979	Cooper, James F.†	1834	766
Cochrane, Alexander F.†	1815	140	Cooper, Samuel†	1815	156
Coe, Philip St. George†	1832	667	Coppée, Henry†	1845	1241
Coe, Frank W.	1892	3457	Corcoran, Thomas M.	1891	3401
Coffin, William H.	1873	2475	Cordray, David P.	1891	3449
Cogswell, Milton†	1840	1417	Corley, James I.†	1850	1459
Collbran, Albert V.†	1885	1693	Cornish, George A.	1873	2490
Colecock, Richard W.†	1826	457	Cornish, Lester W.	1881	2915
Colcord, Austin N.†	1850	1479	Coruman, Daniel	1873	2494
Cole, Edwin T.	1880	3316	Corprew, George W.†	1818	189
Cole, Haydn S.	1885	3062	Corthell, Charles L.†	1884	3029
Cole, Henry G.	1892	3490	Cosby, George B.	1852	1552
Cole, James A.	1884	3037	Cosby, Spencer	1891	3385
Cole, James B.	1896	2155	Cotton, Gilbert P.	1867	2212
Cole, Robert G.†	1850	1486	Cotton, John W.†	1823	357
Cole, William E.	1898	3824	Couch, Darius N.†	1846	1284
Coleman, Le Vert	1890	3874	Counselman, Jacob H.†	1803	2011
Colerick, Charles†	1826	466	Courtenay, Edward H.†	1821	262
Collins, Charles I.†	1882	2967	Couts, Cave J.	1843	1203
Collins, Charles O.†	1828	512	Covington, Erasmus F.†	1831	651
Collins, Charles R.†	1859	1827	Cowan, Arthur S.	1899	3935
Collins, Edgar T.	1897	3798	Cowles, Calvin D.	1873	2492
Collins, Francis†	1845	1242	Cowles, Warren H.	1880	2847
Collins, Richard D. C.†	1823	345	Cowles, William H.	1902	4107
Collinsworth, John T.†	1830	610	Cox, Creed F.	1901	4022
Comly, Clifton†	1862	1985	Cox, John L.	1878	2747
Comly, George B.	1900	3990	Coxe, Robert E.†	1870	2345
Comstock, Cyrus B.	1855	1677	Crabbs, Joseph T.	1891	3413
Conant, Augustus†	1812	73	Cradlebaugh, George W.†	1867	2214
Conant, Roswell†	1810	228	Craig, Isaac E.†	1814	104
Cone, Aurelius F.	1857	1787	Craig, John W.	1894	3580
Conklin, Arthur S.	1897	3769	Craig, Louis A.	1874	2541
Conklin, John	1884	3028	Craig, Malin	1898	3841
Conkling, Barnabas†	1846	852	Craig, Robert	1866	2134
Conkling, Solomon G.†	1809	47	Craig, William†	1853	1630
Conley, Edgar T.	1897	3792	Craighill, William E.	1885	3959
Couline, John	1870	2365	Craighill, William P.	1853	1580
Connell, Thomas W.†	1894	3603	Crain, Charles F.	1894	3589
Conner, Edward J.†	1857	1792	Crallé, G. Maury	1898	3863
Conner, Fox	1898	3825	Cram, Thomas Jefferson†	1826	432
Connor William D.	1897	3742	Craue, Charles J.	1877	2684
Conrad, Casper H., jr.	1895	3621	Cranston, Arthur†	1867	2190
Conrad, John†	1831	661	Crawford, Charles	1889	3322
Conrad, Joseph S.†	1857	1791	Crawford, Medorem	1867	2202
Conrad, Julius T.	1892	3483	Craycroft, William T.	1869	2290
Converse, George L.	1880	2854	Creden, Samuel G.†	1895	3661
Cook, Anson J.†	1847	1346	Cree, John K.	1885	3076
Cook, Augustus†	1844	1214	Creel, Heber M.	1877	2704
Cook, Frank A.	1885	3078	Cress, George O.	1884	3047
Cook, William†	1822	291	Cressey, Edward P.†	1858	1816
Cooke, Francis N.	1869	3806	Crilly, Francis J.	1859	1839
Cooke, James H.†	1822	290	Crispin, Silas†	1850	1452

List of Graduates of United States Military Academy. 405

Name	Year.	No.	Name	Year	No.
Crissy, Myron S	1902	4091	Darrah, Thomas W	1897	3651
Critchlow, Benjamin D	1865	2093	Darrow, Walter N. P.	1886	3118
Crittenden, Alexander P.†	1836	862	Dashiel, William R	1888	3273
Crittenden, George B.†	1832	687	Davant, William M.†	1854	2667
Crittenden, William L.†	1845	1271	Davenport, Thomas C.†	1872	2468
Cronin, Marcus D.	1887	3218	Davidson, Henry B.	1853	1111
Cronkrite, Adelbert	1882	2041	Davidson, John W.†	1845	1247
Crook, George†	1852	1573	Davidson, Levi P.†	1837	961
Crosby, Herbert B.	1893	3538	Davidson, William B.†	1813	152
Crosby, Oscar T.	1882	2033	Davies, Charles†	1815	117
Crosnan, George H.†	1823	355	Davies, Francis A.†	1861	1910
Cross, Charles E.†	1861	1880	Davies, Thomas A.†	1820	505
Cross, Osborne†	1825	417	Davies, William S.†	1874	2538
Crowder, Enoch H	1881	2000	Daviess, Camillus C.†	1830	618
Crowley, Matthias	1891	3435	Davis, Alexander M.	1892	3480
Croxton, Richard C.	1860	3107	Davis, Benjamin P.†	1854	1662
Crozet, Alfred†	1843	1104	Davis, Britton	1881	2022
Crozet, A. St. Amand†.	1843	1194	Davis, Charles E. L. B.	1866	2117
Crozier, William	1870	2597	Davis, Edward	1867	2203
Cruger, Nicholas†.	1820	246	Davis, Edwin G.	1600	3050
Cruikshank, William M	1893	3517	Davis, George B.	1871	2379
Cruse, Thomas	1879	2785	Davis, George B.	1886	3154
Culbertson, Jacob†.	1850	1450	Davis, Glenn H	1895	3048
Culbertson, Michael S.†.	1839	991	Davis, Henry C.	1883	2073
Cullum, George W.†	1833	700	Davis, Jackman J.†.	1814	167
Cumming, Alfred	1849	1441	Davis, James Lucius†	1833	722
Cummings, Joseph F.	1876	2038	Davis, Jefferson†.	1828	530
Cummins, Albert S.	1873	2477	Davis, John M. K.	1867	2172
Cunningham, Arthur S.†	1857	1750	Davis, John P.†	1829	577
Cunningham, George A.	1857	1784	Davis, Matthew L.†.	1852	1550
Curd, Thomas J.†	1844	1213	Davis, Milton F.	1890	3352
Currie, Dennis H	1901	4024	Davis, Nelson H.†.	1846	1320
Curtis, Arthur F.	1885	3063	Davis, Richmond P.	1887	3179
Curtis, Edwin S.†	1867	2104	Davis, Robert C.	1808	3844
Curtis, Samuel R.†	1831	655	Davis, Thomas F.	1875	2585
Curtiss, James†	1851	1521	Davis, William C.	1800	3345
Cushing, Alonzo H.†	1861	1944	Davis, William D.	1802	3595
Cushing, Samuel T.†	1860	1876	Davis, William M.	1902	4102
Custer, George A.†	1861	1960	Davison, Lorenzo P.	1885	3669
Cutbush, William†	1812	87	Davison, Peter W.	1892	3404
Cutts, Thomas†	1828	525	Dawson, Samuel K.†	1839	1007
Cuyler, James W.†	1864	2023	Day, Clarence R.	1897	3785
Dade, Alexander I.	1887	3119	Day, Edward H.†	1851	1503
Dahlgren, Paul†	1868	2238	Day, Hannibal†	1823	348
Daingerfield, Joseph F.†	1818	194	Day, Matthias W.	1877	2710
Dallam, Samuel F.	1806	3724	Deakyne, Herbert	1800	3333
Dalliba, James†	1811	61	Dean, James T.	1887	3225
D'Armit, Albert M.†	1880	3283	Dearborn, Alexander H.†	1838	940
Damrell, Andrew N.	1864	2031	De Armond, Edward H.	1901	4040
Daua, Napoleon J. T.†	1842	1139	Deas, Edward†	1832	670
Dana, Nathaniel G.†	1814	93	Deems, Clarence	1874	2521
Dancy, Francis L.†	1826	435	Deems, Clarence, jr.	1900	3064
Danes, Henry C.†	1867	2190	Deen, Fred I.	1901	4003
Daniel, Junius†	1851	1526	De Forest, William H.†	1838	820
Daniels, Charles B.†	1836	878	De Hart, Henry V.†	1856	1715
Darne, Alexander C. H.	1841	1103	De Hart, William C.†	1820	236
Darr, Francis J. A.	1880	2868	Delafield, Richard†	1818	180

Name.	Year.	No.	Name.	Year.	No.
De Lagnel, Julius A.†	1821	285	Donworth, Albert B.	1891	3429
De Lano, Horace F.†	1849	1426	Dorey, Halstead	1897	3784
Dempsey, Charles A.	1865	2114	Dorr, Gustavus †	1825	423
Denison, David S.†	1868	2241	Dorst, Joseph H.	1873	2476
Dennison, James A.†	1870	2324	Doubleday, Almer †	1842	1134
Denman, Frederick J.†	1842	1137	Dougherty, Henry M.	1901	4038
Denny, St. Clair †	1822	306	Dougherty, John J.	1872	2452
Dent, Elliot J.	1901	4000	Douglas, Samuel R.	1876	2604
Dent, Frederick T.†	1843	1199	Douglass, Henry †	1852	1566
Dentler, Clarence E.	1884	3044	Dowd, Heman	1876	2594
Derby, George H.†	1846	1278	Dowdy, Robert W.	1879	2806
Derby, George McC.	1878	2717	Doyle, Fred. C.	1900	3979
Derrick, Clarence	1861	1930	Drake, Charles B.	1896	3696
De Russey, John †	1847	1369	Drane, Anthony †	1824	376
De Russey, Lewis G.†	1814	90	Dravo, Edward E.	1876	2611
De Russey, René E.†	1812	84	Drayton, Thomas †	1828	535
Deshler, George W.†	1868	2240	Drayton, Thomas F.†	1828	535
Deshler, James †	1854	1937	Dresser, George W.†	1861	1906
Deshon, George	1843	1168	Drew, Alfred W.†	1891	3446
De Shon, George D.	1886	3119	Drouillard, James P.†	1861	1959
Despinville, Charles †	1817	166	Druien, James L.	1886	3149
De Treville, Richard †	1823	336	Drum, Simon H.†	1830	597
De Veuve, Henry †	1852	1547	Duane, James C.†	1848	1371
Devore, Daniel B.	1885	3086	Du Barry, Beekman †	1849	1413
De Witt, David P.†	1836	855	Du Bois, John V. D.†	1855	1686
Dichmann, Henry M.	1897	3783	Du Bose, Benjamin E.†	1833	745
Dick, George McG.†	1855	1710	Ducat, Arthur C.	1879	2822
Dickerson, John H.†	1847	1341	Dudley, Edgar S.	1864	2326
Dickinson, Walter M.†	1886	2853	Duff, Robert J.	1883	2977
Dickman, Joseph T.	1881	2905	Dugan, Thomas B.	1882	2962
Dickson, Tracy C.	1892	3455	Dulany, Henry R.†	1815	128
Dillahunt, John N.†	1824	307	Dumest, Jacob A.†	1819	226
Dilworth, Rankin †	1844	1218	Duncan, Daniel †	1895	3668
Dimick, Justin †	1819	213	Duncan, George B.	1886	3161
Dimick, Justin E.†	1861	1958	Duncan, James †	1834	755
Dimmock, Charles †	1821	266	Duncan, Johnson K.†	1849	1411
Dimon, George D.†	1833	724	Dungan, Hugh E.†	1850	1458
Dinkins, Simeon M.	1881	2929	Dunn, Beverly W.	1883	2974
Ditch, William T.†	1868	2259	Lunning, Samuel W.	1880	2845
Dix, Roger S.†	1832	693	Dunwoody, Henry H. C.	1866	2133
Dixon, Henry B.	1895	3651	Du Pont, Henry †	1833	727
Dixon, Joseph †	1858	1800	Du Pont, Henry A.	1861	1888
Dixon, Varien D.	1900	3984	Durfee, Lucius L.	1886	3163
Dixon, William P.†	1866	2135	Durham, Cass †	1865	2111
D'Lagnel, Julius A.†	1821	285	Duryea, Richard C.†	1853	1598
Dockery, Albert B.	1902	4101	Dusenberry, Samuel B.†	1820	244
Dodd, George A.	1876	2624	Dutton, Arthur H.†	1861	1935
Dodds, Frank L.†	1879	2779	Dutton, George †	1822	286
Dodge, Henry C.†	1863	2013	Dutton, William †	1846	1286
Dodge, Richard I.†	1848	1387	Duvall, William P.	1869	2279
Donaldson, Charles V.†	1888	3273	Dwyer, Charles G.	1886	3164
Donaldson, James L.†	1836	857	Dwyer, Thomas F.	1895	3654
Donaldson, Thomas Q.	1887	3207	Dye, William McE.†	1853	1610
Donelson, Andrew J.†	1820	233	Dyer, Alexander B.†	1837	896
Donelson, Andrew J. jr.†	1848	1370	Dyer, Alexander B., jr.	1873	2480
Donelson, Daniel S.†	1825	396	Dykman, William N.	1875	2570
Donovan, Joseph L.	1891	3410	Eakin, Constant M.†	1817	175

List of Graduates of United States Military Academy. 407

Name.	Year.	No.	Name.	Year.	No.
Early, Jubal A.†	1837	908	Emery, Jonas A.	1881	2918
Easley, Thomas †	1846	1310	Emmet, Robert T.	1877	2603
Eastman, Elbridge G.†	1831	645	Emory, Campbell D.†	1861	1925
Eastman, Frank F.	1879	2809	Emory, William H.†	1831	642
Eastman, James E.†	1866	2137	England, Lloyd	1860	3682
Eastman, Robert L.†	1861	1022	Engle, James†	1825	426
Eastman, Seth †	1820	562	English, Thomas C.†	1840	1442
Easton, Langdon C.†	1838	962	Ennis, William	1864	2039
Eaton, Amos B.†	1826	464	Ennis, William P.	1901	4013
Eaton, George O.	1873	2493	Enochs, Berkeley	1898	3860
Eaton, Joseph H.†	1835	828	Enos, Copley	1901	4065
Eaton, Nathaniel J.†	1827	502	Enos Herbert M.	1856	1758
Eaton, William W.†	1824	384	Ernst, Oswald H.	1864	2025
Eby, Charles McIl	1902	4106	Ernst, Rudolph F.†	1841	1108
Echols, Charles P.	1891	3387	Erwin, Isaac	1892	3507
Echols, William H.	1858	1801	Erwin, James B.	1880	2848
Eckerson, Theodore H.	1874	2547	Esterly, Calvin	1877	2667
Eckhart, Charles G.	1867	2174	Estes, George H., jr.	1861	3599
Eddy, Asher R.†	1844	1210	Eustis, Henry L.†	1842	1111
Edgerly, Winfield S.	1870	2301	Eustis, William †	1830	623
Edgerton, Edward C.	1870	2335	Evans, Andrew W.	1852	1561
Edgerton, Wright P.	1874	2522	Evans, Ellwood W.	1887	3202
Edie, John R.†	1861	1946	Evans, Fredk. D.	1887	3229
Edmunds, Frank H.†	1871	2376	Evans, George F.†	1846	1307
Edson, John H.	1853	1666	Evans, George H.	1872	2459
Edson, Theodore†	1860	1851	Evans, Houston V.	1896	3731
Edwards, Albert G.†	1832	706	Evans, N. George†	1848	1404
Edwards, Arthur M.	1893	3545	Evans, Robert K.	1875	2501
Edwards, Clarence R.	1883	3020	Evans, William P.	1878	2726
Edwards, George†	1845	1240	Eveleth, William S.†	1815	148
Edwards, John†	1851	1508	Everett, William †	1868	2237
Edwards, John M.†	1819	221	Ewell, Benjamin S.†	1832	664
Edwards, Oliver, jr.	1894	3662	Ewell, Richard S.†	1840	1029
Edwards, William W.	1902	4121	Ewing, Maskell C.†	1826	444
Egan, John.	1862	1982	Exton, Charles W.	1898	3852
Eggleston, Millard F.	1877	2701	Fahnestock, Simon S.†	1841	1078
Ehninger, Henry A.	1846	1298	Fain, Richard G.†	1832	681
Elbert, Leroy S.†	1861	1960	Faison, Samson L.	1883	3009
Elderkin, William A.†	1861	1909	Fanning, Alexander C. W.†	1812	86
Eliaison, William A.†	1819	203	Farley, John †	1823	339
Elliot, George H.†	1855	1680	Farley, Joseph P.	1861	1953
Elliot, William G.†	1886	3171	Farmer, Charles C.	1899	3905
Elliott, Charles P.	1882	2959	Farnsworth, Charles S.	1887	3220
Elliott, John †	1861	2040	Farquhar, Francis U.†	1861	1934
Elliott, Stephen H.	1886	3145	Farr, Otho W. B.	1893	3529
Elliott, William J.	1878	2753	Farragut, Loyall	1868	2266
Ellis, Eugene A.†	1876	2608	Farrelly, Patrick A.†	1845	1250
Ellis, James N.†	1835	798	Farrand, Charles E.	1857	1765
Ellis, Wilnot E.	1889	3291	Farrar, Henry B.	1899	3887
Elting, Norman †	1843	1202	Farrow, Edward S.	1876	2617
Eltinge, L. Roy.	1896	3678	Farry, Joseph E.†	1845	1243
Eltonhead, Francis E.	1875	2583	Fassett, William M.	1897	2782
Ely, Frank D.	1894	3505	Fay, Heman A.†	1808	36
Ely, Hanson E.	1891	3447	Fechét, Eugene O.	1868	2236
Elzey, Arnold †	1837	923	Feltus, Henry J.†	1820	245
Embick, Stanley D.	1899	3807	Fenner, Raymond H.	1900	3065
Embury, Peter†	1815	150	Fenton, Charles W.	1888	3256

Name.	Year.	No.	Name	Year.	No.
Ferguson, Harley B.	1897	3748	Foster, Arthur B.	1887	3217
Ferguson, Henry T.	1890	3360	Foster, Charles W.	1876	2612
Ferguson, Samuel W.	1857	1778	Foster, Claiborne, L.†	1888	3255
Fergusson, Frank K.	1866	3700	Foster, Fred. W.	1877	2658
Ferris, Samuel P.†	1861	1963	Foster, Herbert S.	1876	2613
Fessenden, John M.†	1624	379	Foster, John G.†	1846	1275
Fetterman, George†	1827	479	Foster, Pierce C.†	1809	3914
Fiebigler, Gustav J.	1879	2764	Foster, Sam A.†	1860	1863
Field, Benjamin†	1811	79	Foster, Victor S.	1902	4902
Field, Charles W.†	1849	1433	Fountain, Samuel W.	1870	2343
Field, George P.†	1834	768	Fowler, Frank B.	1886	3134
Field, Horace B.†	1840	1032	Fowler, Joshua L.†	1868	2247
Field, Josiah H. V.†	1863	2007	Fowler, William H.†	1837	925
Findlay, John King†	1824	395	Fox, Joseph C.	1860	3380
Finley, Walter L.	1879	2804	Foy, Robert C.	1899	3929
Fiscus, William W. jr.†	1898	3837	Frank, Royal T.	1888	1815
Fish, Oliver H.†	1857	1772	Frankenberger, Samuel	1902	4978
Fish, Sewall L.	1841	1075	Franklin, William B.†	1843	1167
Fish, Williston.	1881	2885	Fraser, William D.†	1834	750
Fisk, Walter L.	1877	2642	Frazer, John W.	1849	1440
Fiske, Harold B.	1897	3766	Frazer, William†	1836	875
Fitch, Graham D.	1882	2935	Frazier, Joseph	1891	3420
FitzGerald, William G.	1892	3479	Frazier, Laurence V.	1902	4973
Fitzhugh, Henry W.†	1814	106	Frederick, Daniel A.	1877	2708
Fitzpatrick, Patrick†	1868	2271	Fredeley, Henry W.†	1855	1795
Fitzsimmons, William C.	1869	2278	Freeland, Harry	1886	3117
Flagler, Clement A. F.	1889	3284	Freeman, Constant†	1838	974
Flagler, Daniel W.†	1861	1937	Freeman, Jonathan†	1829	570
Flanigan, William†	1827	487	Freeman, Samuel D.	1883	2975
Fleming, Adrian S.	1895	3632	Freeman, William G.†	1834	794
Fleming, Hugh B.†	1852	1564	Fremont, Sewall L.†	1841	1075
Fleming, Lawrence J.	1890	3375	French, Charles G.	1888	3279
Fleming, Robert J.	1891	3402	French, Edmund†	1828	514
Fleming, William W.	1866	2151	French, F. Halverson.	1877	2716
Fletcher, John C.†	1838	990	French, Francis H.	1879	2771
Fletcher, Robert	1868	2230	French, J. Hansell†	1874	2549
Flewellen, James P.	1850	1493	French, John T.	1876	2569
Flint, Franklin F.†	1841	1093	French, Samuel G.	1843	1180
Flipper, Henry O.	1877	2690	French, William H.†	1837	912
Floyd, Daniel H.†	1870	2397	Frier, James H.	1886	3151
Floyd-Jones, De Lancey†	1846	1316	Fries, Amos A.	1898	3815
Flynn, William F.	1883	2976	Frissell, Thomas T.	1897	3780
Foley, Oscar D.	1902	4098	Frohwitter, Charles L. J.	1900	3967
Folger, George W.†	1822	319	Frost, Daniel M.†	1844	1209
Follet, Frederick M.†	1850	1429	Fry, Cary H.†	1834	769
Folsom, Joseph L.†	1840	1052	Fry, James B.†	1847	1344
Foltz, Frederick S.	1879	2774	Fuller, Alfred M.	1870	2639
Foote, Stephen M.	1884	3030	Fuller, Charles A.†	1834	759
Forbush, William C.	1868	2254	Fuller, Ezra B.	1873	2479
Fornance, James†	1871	2368	Fuller, Lawson M.	1891	3397
Forney, John H.	1852	1557	Fuller, William D.†	1861	1957
Forse, Albert G.†	1865	2074	Fulton, David W.†	1886	3173
Forsyth, James W.	1856	1738	Furlong, John W.	1891	3399
Forsyth, Robert M.†	1815	144	Furman, John G.†	1827	483
Forsyth, William W.	1882	2953	Furnival, Richard	1901	4952
Forsythe, Benjamin D.†	1848	1381	Gaillard, David DuB.	1874	3025
Foster, Amos†	1828	534	Gaillard, Peter C.†	1835	814

List of Graduates of United States Military Academy. 109

Name.	Year	No	Name	Year	No
Gaillard, William W.†	1821	277	Gibson, Charles H.	1870	1330
Gaither, Edgar B.†	1839	1013	Gibson, David†	1847	1131
Galbraith, Jacob G.†	1877	2604	Gibson, Horatio G.	1847	1041
Galbraith, William W.†	1877	2648	Gibson, James†	1808	41
Gale, George H. G.†	1879	2769	Gibson, William W.†	1887	2768
Gale, Levin†	1827	497	Gifford, John H.	1897	2218
Gallagher, Hugh J.†	1884	3043	Gilbert, Bertram C.	1897	259
Gallup, Charles C.†	1888	3242	Gilbert, Charles C.	1896	1592
Gallup, Fred H.†	1899	3881	Gilbert, Henry†	1819	530
Game, Clifford	1899	3927	Gilbert, John M.	1862	1087
Gano, Aaron G.†	1815	143	Giles, Henry†	1818	291
Gantt, Levi†	1841	1169	Gilham, William.†	1840	1614
Garber, Hezekiah H.†	1852	1578	Gill, Samuel†	1814	1508
Gardener, Cornelius	1873	2504	Gill, William G.†	1848	1180
Gardnier, John R. B.†	1828	537	Gillen, Alvan C.†	1851	1594
Gardiner, George W.†	1814	91	Gillespie, George L.	1862	1698
Gardiner, John W. T.†	1849	1042	Gillette, Cassius E.	1884	3034
Gardner, Franklin†	1843	1183	Gillmore, Quincy A.†	1849	1497
Gardner, George W.†	1814	117	Gillmore, Quincy O'M.	1874	2597
Gardner, John H.†	1881	2927	Gilman, Benjamin H.†	1872	1423
Gardner, Rogers F.†	1894	3582	Gilman, Edward R.	1888	3091
Gardner, Thomas J.†	1815	154	Gilman, Jeremiah H.	1886	1734
Gardner, William M.†	1846	1326	Gilmer, Jeremy F.†	1849	189
Garesché, Julius P.†	1841	1074	Gilmore, John C., jr.	1864	1581
Garey, George W.†	1825	425	Gird, Henry H.†	1822	393
Garland, William A.†	1865	2044	Gittings, Erskine†	1891	1917
Garlington, Ernest A.	1879	2622	Givens, Newton C.†	1845	260
Garnett, Richard B.†	1841	1087	Glade, Herman	1900	3679
Garnett, Robert S.†	1841	1085	Glasgow, William J.	1861	3414
Garrard, Joseph	1873	2478	Glass, John N.†	1878	2739
Garrard, Kenner†	1851	1501	Gleason, Willard E.	1862	3486
Garretson, George A.	1867	2195	Gleaves, Samuel R.	1900	3677
Garrett, Isaiah†	1833	717	Glenn, Edwin F.	1877	2608
Garst, Charles E.†	1876	2031	Goddard, Vinton A.†	1871	2375
Gaston, Joseph A.	1881	2894	Godfrey, Edward S.	1897	2208
Gaston, William†	1856	1737	Godfrey, George J.†	1886	3152
Gatchell, George W.	1887	3186	Godwin, Edward A.	1870	2342
Gates, Collinson R.†	1836	883	Goe, James B.	1875	2586
Gates, Samuel†	1804	6	Goethals, George W.	1880	2828
Gates, William†	1806	11	Goethe, James	1900	3682
Gatewood, Charles B.†	1877	2603	Gohn, Joseph F.	1898	3894
Gatley, George G.	1890	3355	Goldman, Henry J.	1877	2671
Gatlin, Richard C.†	1832	699	Goodale, George S.	1899	3734
Gay, Ebenezer†	1855	1682	Goode, George W.	1880	2873
Gayle, Edward E.	1876	2605	Goodin, James A.	1882	2693
Geary, William L.	1874	2537	Gooding, Oliver P.	1888	1821
Geary, Woodbridge†	1882	2665	Goodloe, Archibald H.†	1895	2110
Gentry, William T.†	1886	1746	Goodspeed, Nelson A.	1902	4105
Gerhard, William	1899	2310	Goodwin, Millard F.	1872	2497
Gerhardt, Charles	1887	3221	Gordon, George A.†	1854	1690
Getty, George W.†	1840	1031	Gordon, George H.†	1849	1314
Getty, Robert N.	1878	2750	Gordon, Walter H.	1886	3148
Gibbes, Wade H.	1860	1874	Gordon, William B.	1877	2649
Gibbon, John†	1847	1350	Gordon, William W.†	1815	127
Gibbs, Alfred†	1849	1313	Gorgas, Josiah†	1841	1364
Gibson, Archie.	1879	2784	Gorham, Benjamin†	1820	252
Gibson, Augustus A.†	1839	1008	Gose, Ernest B.	1899	3379

Name.	Year.	No.	Name.	Year.	No.
Gowen, James B.	1898	3833	Grisard, John S.	1888	3253
Gracie, Archibald †.	1854	1644	Griswold, Henry W. †.	1815	130
Grafton, Henry D. †.	1839	996	Grote, William F.	1891	3442
Graham, Campbell †.	1822	294	Grover, Cuvier †.	1850	1453
Graham, James D. †.	1817	105	Grubbs, Haydon V. †.	1896	3602
Graham, James D. †.	1865	2106	Guard, Alexander McC.	1871	2404
Graham, John †.	1834	783	Guenther, Francis L.	1859	1833
Graham, Richard H. †.	1835	983	Guerrant, Charles †.	1820	250
Graham, William M. †.	1817	104	Guignard, William S.	1896	3675
Grandin, William G. †.	1837	934	Guilfoyle, John F.	1877	2680
Granger, Gordon †.	1845	1265	Guiney, Patrick W.	1899	3883
Granger, Ralph S.	1899	3899	Guion, Frederick L. †.	1823	332
Granger, Robert S. †.	1835	965	Gunnison, John W. †.	1837	592
Grant, Frederick D.	1871	2400	Gurney, John A. †.	1895	3619
Grant, Ulysses S. †.	1843	1187	Gustin, Joseph II.	1875	2581
Grant, Walter S.	1900	3957	Guthrie, William L.	1901	4005
Gratiot, Charles †.	1800	16	Guyer, George D.	1891	3441
Grattan, John L. †.	1853	1614	Gwynn, Walter †.	1822	293
Graves, William S.	1889	3323	Haan, William G.	1889	3293
Gray, Alonzo.	1887	3213	Hackley, Charles W. †.	1829	549
Grayson, John B. †.	1826	450	Haden, John J.	1877	2650
Greble, Edwin St. J.	1881	2884	Hagadorn, Charles B.	1889	3309
Greble, John T. †.	1854	1651	Hagner, Peter V. †.	1836	866
Green, Duff C. †.	1849	1435	Hagood, Johnson.	1806	3691
Green, James O.	1852	2960	Haile, Joseph T. †.	1850	1488
Greene, Benjamin D.	1806	2118	Haines, John T.	1886	3109
Greene, Christopher A. †.	1830	804	Haines, Thomas J. †.	1849	1410
Greene, Francis V.	1870	2312	Hains, John P.	1889	3303
Greene, George S. †.	1823	327	Hains, Peter C.	1861	1951
Greene, Henry A.	1879	2777	Hale, David E. †.	1833	719
Greene, James B. †.	1851	1534	Hale, Harry C.	1883	3004
Greene, Lewis D.	1878	2729	Hale, Irving.	1884	3021
Greene, Oliver D.	1854	1656	Hall, Anson †.	1809	50
Greenough, George G.	1805	2105	Hall, Chalmers G.	1897	3777
Greenough, Jonathan K. †.	1827	504	Hall, Charles S.	1876	2620
Greer, John E.	1897	2163	Hall, Christopher T. †.	1865	2243
Gregg, David McM.	1855	1684	Hall, Cyrus †.	1842	1145
Gregg, John C. †.	1887	3204	Hall, Herman.	1887	3215
Gregory, A. Park †.	1837	905	Hall, J. Harrison †.	1865	2069
Gregory, Daniel D.	1901	4053	Hall, Jonathan N.	1859	1837
Gregory, James F. †.	1865	2062	Hall, Joseph.	1872	2457
Grelaud, John H. †.	1843	1170	Hall, Lyman.	1881	2917
Gresham, John C.	1876	2626	Hall, Norman J. †.	1859	1837
Grier, James †.	1821	273	Hall, Robert H.	1860	1878
Grier, William N. †.	1835	839	Hall, Thomas W. †.	1887	3211
Grierson, Charles H.	1879	2792	Hall, William P.	1868	2246
Griffin, Charles †.	1847	1353	Halleck, Henry W. †.	1834	988
Griffin, Eugene.	1875	2552	Hallonquist, James H. †.	1858	1803
Griffin, George R. †.	1832	698	Halstead, Laurence.	1899	3913
Griffin, Henry J. †.	1826	452	Ham, Samuel V.	1892	3508
Griffin, William H. †.	1835	812	Hambright, Horace G. †.	1892	3511
Griffith, Emerson.	1872	2417	Hamilton, Alston.	1894	3578
Griffith, Frederick L. †.	1817	170	Hamilton, Charles S. †.	1843	1192
Griffith, Fred D., jr.	1902	4099	Hamilton, Fowler †.	1840	1035
Griffith, Joseph E. †.	1807	2160	Hamilton, Frank B. †.	1812	1978
Griffith, Thomas W.	1883	3016	Hamilton, George F.	1894	3575
Griffiths, Albert J. †.	1882	2911	Hamilton, James.	1890	3339

List of Graduates of United States Military Academy. 411

Name.	Year.	No.	Name.	Year	No.
Hamilton, John †.....	1847	1332	Harris, George M. †.....	1865	2293
Hamilton, Robert L.....	1891	3421	Harris, Henry L.....	1869	2281
Hamilton, Schuyler.....	1841	1082	Harris, Henry L., jr.....	1869	3912
Hamilton, Stanley B.*.....	1900	3948	Harris, Joseph W. †.....	1825	494
Hamilton, William J. †.....	1868	2229	Harris, N. Sayre †.....	1825	419
Hamilton, William R.....	1876	2606	Harris, Peter C.....	1888	3268
Hamilton, William W.....	1898	3822	Harris, William H. †.....	1861	1940
Hammond, Andrew G.....	1881	2912	Harris, William L. †.....	1824	382
Hammond, Charles L.....	1876	2632	Harrison, George F. R.....	1873	2457
Hammond, Harold.....	1898	3848	Harrison, Joseph P. †.....	1833	746
Hammond, Harry T. †.....	1877	2685	Harrison, Masillon †.....	1841	1061
Hammond, Marcus C. M. †.....	1836	884	Harrison, Matthew R. T. †.....	1825	495
Hammond, Richard P. †.....	1841	1079	Harrison, Montgomery P. †.....	1847	1362
Hammond, Thomas C. †.....	1842	1159	Harrison, Ralph.....	1889	3299
Hampton, Celwyn E.....	1899	3694	Hart, Verling K.....	1893	3552
Hamtramck, John F. †.....	1819	217	Hart, William H.....	1888	3279
Hancock, David P. †.....	1854	1665	Hartman, John D. L.....	1888	3257
Hancock, Gwynn R.....	1899	3911	Harts, William W.....	1889	3286
Hancock, William F.....	1883	2972	Hartshorne, Benjamin M., jr. †.....	1866	3736
Hancock, Winfield S. †.....	1844	1223	Hartsuff, George L. †.....	1852	1554
Handbury, Thomas H.....	1865	2057	Hartwick, Edward E.....	1893	3547
Handforth, Benjamin F.....	1881	2903	Hartz, Edward L. †.....	1855	1700
Handy, James O. †.....	1842	1166	Harvey, Charles G.....	1900	3992
Haney, William W. †.....	1892	3501	Harvey, John G. †.....	1831	659
Hanley, John H. †.....	1835	811	Harvie, John M. †.....	1837	929
Hanna, Matthew E.....	1897	3755	Harwood, Franklin †.....	1861	1995
Hanna, Robert.....	1872	2456	Hasbrouck, Alfred.....	1883	3010
Hannum, Warren T.....	1902	4069	Hasbrouck, Henry C.....	1861	1908
Hanson, James.....	1899	3922	Hascall, Herbert A. †.....	1856	1718
Hanson, Thomas G.....	1887	3209	Hascall, Milo S.....	1852	1549
Hanson, Weightman K. †.....	1835	807	Haskell, William M.....	1901	4059
Harbeson, James P.....	1895	3613	Haskin, Joseph A. †.....	1839	995
Harcastle, Edmund L. F. †.....	1840	1276	Hatch, Everard E.....	1884	3035
Hardee, William J. †.....	1838	966	Hatch, John P. †.....	1845	1247
Hardeman, Letcher.....	1886	3139	Hatfield, Charles A. P.....	1872	2437
Hardie, William †.....	1837	939	Hatheway, John S. †.....	1836	873
Hardie, James A. †.....	1843	1177	Haupt, Herman.....	1835	816
Hardin, Edward E.....	1874	2542	Haupt, Lewis M.....	1867	2162
Hardin, James P. †.....	1832	691	Hawes, James M. †.....	1845	1259
Hardin, Martin D.....	1859	1835	Hawkins, Clyde E.....	1895	3041
Harding, Chester.....	1889	3285	Hawkins, Edgar S. †.....	1820	288
Harding, Edward †.....	1818	191	Hawkins, George W. †.....	1844	1230
Hardy, Arthur S.....	1899	2282	Hawkins, Hamilton S.....	1894	3886
Hare, Luther R.....	1874	2533	Hawkins, John P.....	1852	1575
Harford, William H. †.....	1829	543	Hay, William H.....	1886	3142
Harrison, George S. †.....	1892	3491	Hayden, John L.....	1888	3243
Harker, Charles G. †.....	1858	1813	Hayden, Ralph N.....	1901	4033
Harlow, Frank S.....	1879	2767	Hayes, Edmund †.....	1846	1282
Harman, John A.....	1887	3206	Hayman, Samuel B. †.....	1842	1161
Harmon, Millard F.....	1880	2840	Haynes, Ira A.....	1883	2983
Harper, Roy B.....	1897	3771	Haynes, James M. †.....	1848	1376
Harrington, Henry M. †.....	1872	2429	Haynes, Milton A.....	1838	958
Harris, Arnold †.....	1834	778	Hays, Alexander †.....	1844	1225
Harris, David B. †.....	1833	713	Hays, William †.....	1840	1034
Harris, Floyd W.....	1889	3114	Hazen, William B. †.....	1855	1704
Harris, Frank E.....	1892	3452	Hazlett, Charles E. †.....	1861	1902

* Name changed to Paul Stanley Boud, 1902.

Name.	Year.	No.	Name.	Year.	No.
Hazlitt, Robert †	1843	1189	Higgins, Silas P. †	1853	1618
Hazzard, George W. †	1847	1335	Higgins, Thaddens †	1849	1037
Hazzard, R. Edward †	1824	364	Hight, George W. †	1812	82
Hazzard, Samuel C.	1893	3525	Hight, Thomas †	1853	1587
Heap, David P.	1864	2026	Hildt, J. McLean †	1856	1756
Heard, John W.	1883	3001	Hill, Ambrose P. †	1847	1345
Hearn, Clint C.	1890	3344	Hill, Bennett H. †	1837	911
Heath, Frank	1868	2228	Hill, Daniel H. †	1842	1138
Heavey, John W.	1891	3417	Hill, James H. †	1855	1699
Hébert, Louis †	1845	1233	Hill, James M. †	1839	606
Hébert, Paul O. †	1849	1017	Hill, John H. †	1839	1016
Hedekin, Charles A.	1888	3251	Hill, Richard M. †	1861	1939
Hegewald, John F. C.	1877	2714	Hill, Robert C. †	1855	1709
Heimer, Elvin R.	1896	3708	Hill, Rowland G. †	1881	2900
Heidt, Grayson V.	1899	3920	Hill, Thomas M. †	1832	692
Heileman, Julius F. †	1806	12	Hillhouse, John †	1842	1130
Hein, Otto L.	1870	2358	Hillman, Leroy T.	1900	3991
Heiner, Gordon G.	1893	3518	Hills, Elbridge R.	1866	2141
Heintzelman, Charles S. †	1867	2171	Hills, Francis I.	1860	2143
Heintzelman, Samuel P. †	1826	445	Hills, John †	1815	124
Heintzelman, Stuart.	1899	3910	Hinds, Ernest.	1887	3181
Heistand, Henry O. S.	1878	2745	Hine, Charles DeL.	1891	3419
Hehn, Ben Hardin †	1851	1502	Hines, John L.	1891	3432
Helmick, Eli A.	1888	3276	Hinkley, James W., jr.	1899	3684
Helms, George W.	1897	3776	Hinman, Frederick A.	1867	2168
Hendershott, Henry B. †	1847	1355	Hinrichs, Fred W., jr.	1902	4077
Henderson, Bennett H. †	1826	435	Hirsch, Harry J.	1891	3418
Henderson, John E. †	1834	762	Hirst, Robert L.	1886	3104
Henderson, Richard †	1835	797	Hitchcock, Ethan A. †	1817	177
Henely, Austin †	1872	2444	Hitchcock, Samuel †	1827	490
Henry, Addis M.	1872	2434	Hoag, William R. †	1871	2408
Henry, Guy V. †	1861	1914	Hobart, Henry A. †	1811	56
Henry, Guy V., jr.	1898	3853	Hobart, William F. †	1812	80
Henry, James M.	1844	1224	Hobbs, Frank E.	1878	2719
Henry, James M. Lake †	1844	1224	Hobson, James M., jr.	1902	4115
Henry, Mathias W. †	1861	1931	Hock, Ormentiz J. C. †	1878	2759
Henry, William S. †	1835	825	Hodges, Harry F.	1881	2882
Henshaw, James †	1821	280	Hodges, Harry L.	1902	4086
Hepburn, James S. †	1819	219	Hodges, Henry C.	1851	1525
Herbert, Alfred †	1835	791	Hodges, Henry C., jr.	1881	2601
Hero, Andrew, jr.	1891	3392	Hodgson, Benjamin H. †	1870	2356
Herr, Hiero B.	1866	2129	Hodgson, Frederick G.	1881	2913
Herr, John K.	1902	4112	Hof, Samuel.	1894	3570
Herring, Daniel S. †	1826	441	Hoffer, Jay E.	1892	3454
Herron, Charles D.	1899	3916	Hoffman, Alexander W.	1865	2095
Herron, Joseph S.	1895	3650	Hoffman, George M.	1899	3670
Hersey, Mark L.	1887	3232	Hoffman, William †	1829	558
Heth, Henry †	1847	1368	Holabird, Samuel B.	1849	1437
Hetzel, Abner R. †	1827	494	Holbrook, Lucius R.	1896	3793
Heuer, William H.	1865	2054	Holbrook, Willard A.	1885	3074
Hewitt, Augustine F. †	1879	2797	Holden, Edward S.	1870	2314
Hewitt, Charles E.	1880	2849	Holgate, Asa H. †	1893	2002
Hewitt, Christian C.	1874	2539	Holland, John C. †	1821	267
Heyward, William C. †	1830	612	Holley, Dwight E.	1886	3170
Hezlep, John K. †	1865	2060	Holley, Samuel H. †	1808	45
Hickey, James B.	1871	2392	Holliday, Jonas P. †	1859	1473
Hickok, Howard R.	1892	3484	Hollis, Magnus O. †	1882	2955

List of Graduates of United States Military Academy. 413

Name	Year	No.	Name	Year	No.
Hollister, George S.†	1860	1884	Hoxie, Richard L.	1868	222.
Holloway, Edmunds B.†	1843	1185	Hoxton, Llewellyn G.†	1861	184.
Holmes, James†	1848	1383	Hoxton, Milton†	1869	4.
Holmes, Reuben†	1823	329	Hoyle, Eli D.	1878	2897
Holmes, Samuel N.†	1873	2500	Hoyle, George S.	1881	248
Holmes, Theophilus H.†	1829	584	Hoyt, Ralph W.	1879	2411
Holt, Charles†	1823	356	Hubbard, Elmer W.	1888	879
Holt, George W.†	1867	1760	Hubert, Edgar†	1880	2843
Holton, Frederick D.†	1880	2885	Hudson, Edward McK.†	1849	1148
Homer, William B.	1870	2322	Huger, Benjamin†	1828	369
Honey, Robertson	1893	3530	Huger, Frank†	1860	1877
Honeycutt, John T.†	1874	2515	Hughes, Charles J.†	1838	677
Hood, Duncan N.	1896	3722	Hughes, James B.	1884	438
Hood, John B.†	1883	1622	Hughes, John H.	1897	377
Hood, Washington†	1827	500	Hughes, Martin B.	1899	2394
Hooe, Alexander S.†	1827	486	Hughes, William B.†	1850	1783
Hook, Cornelius†	1860	1886	Hulbert, William†	1838	978
Hooker, Joseph†	1837	919	Humber, Charles H.†	1840	1040
Hooper, John L.†	1833	732	Humphrey, Chauncey B.	1848	3889
Hopkins, Edward R.	1860	1861	Humphrey, Evan H.	1869	393
Hopkins, Jay P.	1900	3950	Humphrey, Evans†	1814	199
Hopkins, William Penn†	1828	402	Humphreys, Andrew A.†	1831	61
Hoppin, Curtis B.	1877	2973	Humphreys, George S.†	1846	1323
Hopson, John D.†	1822	315	Hun, Leonard G.†	1869	2274
Hopson, Nevil†	1837	935	Hunt, Edward B.†	1848	1232
Horn, Tiemann N.	1891	3393	Hunt, Franklin E.†	1829	86
Hornbrook, James J.	1860	3363	Hunt, Henry J.†	1839	1304
Horne, William J. D.	1888	3259	Hunt, Irvin L.	1899	3894
Horney, Odus C.	1891	3300	Hunt, Levi P.	1879	2399
Hoskins, Charles†	1836	881	Hunt, Lewis C.†	1847	1393
Hoskins, John D. C.	1868	2255	Hunt, Ora E.	1864	3840
Hosmer, John E.†	1868	2100	Hunter, Alfred M.	1887	3184
Houle, George E.	1893	3550	Hunter, Charles H.	1880	2841
Houston, David C.†	1856	1712	Hunter, David†	1822	310
Howard, Clarence O.	1808	2232	Hunter, Edward	1895	2093
Howard, Douglas A.	1878	2723	Hunter, George K.	1877	2707
Howard, Edwin T.†	1873	2491	Hunter, Nathaniel W.†	1833	749
Howard, Harold P.	1891	3407	Hunter, Robert F.	1883	1024
Howard, Oliver O.	1884	1634	Huntington, Henry D.†	1878	2878
Howard, Thomas P.	1896	3683	Huntington, Minor†	1808	38
Howard, William T.†	1876	2603	Hunton, Thomas†	1839	1012
Howe, Albion P.†	1841	1066	Huse, Caleb	1881	1808
Howe, Chileab S.†	1829	567	Huse, Guy E.†	1874	2780
Howe, Edgar W.	1878	2727	Huston, Daniel†	1848	1403
Howe, Edwin†	1843	1190	Huston, Joseph F.	1873	2808
Howe, Myron W.†	1878	2864	Hutcheson, Grote	1884	848
Howe, Walter	1867	2200	Hutton, Franklin S.	1895	3949
Howell, Charles W.†	1863	2001	Hutton, James A.	1879	2939
Howell, Daniel L.	1879	2812	Hyde, Arthur P.	1900	3971
Howell, George P.	1893	3512	Hyer, Benjamin B.	1863	3840
Howell, Lewis†	1832	673	Hyer, Joseph K.†	1865	2104
Howell, Rezin G.†	1864	2043	Ingalls, Rufus†	1843	1198
Howes, Leander T.	1867	2198	Ingalls, Thomas R.†	1822	289
Howland, Carver	1876	2616	Inge, Zebulon M. P.†	1839	988
Howland, Charles R.	1898	3644	Ingraham, Charles H.†	1888	1809
Howland, George W.†	1848	1166	Ingram, Ralph E.	1898	3843
Howze, Robert L.	1888	3299	Irons, James A.	1879	2808

Name.	Year.	No.	Name.	Year.	No.
Irons, Joseph F.†	1841	1070	Johnson, Arthur	1886	3157
Irvin, William †	1839	1005	Johnson, Ben.	1889	3297
Irvine, Armstrong †	1811	59	Johnson, Bushrod R.†	1840	1039
Irwin, Douglass S.†	1840	1056	Johnson, David D.	1868	2233
Irwin, Francis G.	1882	2058	Johnson, Edward †	1838	972
Irwin, George Le R.	1889	3305	Johnson, Franklin O.	1881	2902
Irwin, James R.†	1825	408	Johnson, Jacob C.	1898	3830
Isham, Pierrepont	1887	3216	Johnson, John M.	1867	2179
Ives, Brayton C.	1850	1757	Johnson, Milo †	1815	142
Ives, Edward B.	1878	2731	Johnson, Richard W. †	1849	1436
Ives, Joseph C. †	1852	1540	Johnson, William O.	1890	3336
Ives, Rollin A. †	1870	2323	Johnston, Abraham R. †	1835	813
Izard, J. Allen Smith †	1829	544	Johnston, Albert S. †	1826	436
Izard, James F. †	1828	524	Johnston, Alexander †	1824	381
Jackson, Alfred B. †	1853	2080	Johnston, Edward N.	1901	3994
Jackson, Andrew	1858	1812	Johnston, Frederick E.	1897	3793
Jackson, George †	1856	1740	Johnston, John A.	1879	2782
Jackson, Harry F.	1890	3671	Johnston, Joseph E. †	1829	553
Jackson, Henry B. †	1803	4	Johnston, Richard W. †	1842	1129
Jackson, James B.	1877	2705	Johnston, Robert.	1850	1477
Jackson, John J. †	1818	190	Johnston, Robert P.	1893	3515
Jackson, Robert F.	1900	3953	Johnston, Thomas †	1822	318
Jackson, Thomas H.	1899	3873	Johnston, William T.	1891	3404
Jackson, Thomas J. †	1840	1288	Johnstone, John P. †	1843	1175
Jackson, Thomas K.	1848	1393	Jones, Arnold E. †	1837	923
Jackson, William H.	1856	1748	Jones, David R. †	1846	1312
Jackson, William P.	1891	3428	Jones, DeLancey F.	1846	1316
Jadwin, Edgar	1890	3331	Jones, Edmund C.	1853	1620
Jamar, Mitchell F.	1872	2433	Jones, Edward N.	1886	3168
Jamersont, George H.	1893	3559	Jones, Francis L. †	1824	368
James, Frederick J. †	1862	1993	Jones, Frank B.	1879	2818
James, William H. W.	1872	2463	Jones, Horatio M. †	1867	2207
Jamieson, Charles C.	1892	3463	Jones, James H.	1868	2250
Jamison, Louis T. †	1824	377	Jones, James M. †	1875	2566
Janda, Joseph P.	1898	3845	Jones, John M. †	1841	1097
Janes, Leroy L.	1861	1924	Jones, Robert T. †	1837	903
Jarrett, George D.	1899	3919	Jones, Roger †	1851	1527
Jarvis, Charles E. †	1843	1195	Jones, Samuel †	1841	1077
Jarvis, Melville S.	1891	3416	Jones, Samuel G.	1890	3365
Jefferson, John P.	1875	2559	Jones, Samuel R.	1867	2183
Jenkins, John M.	1887	3183	Jones, Thaddeus W.	1872	2454
Jenkins, Leonidas †	1841	1071	Jones, Thomas M. †	1853	1625
Jenkins, Micah J.	1879	2790	Jones, William A.	1864	2029
Jenkins, Walworth †	1853	1601	Jones, William E. †	1848	1378
Jenks, Isaac C.	1891	3445	Jones, William G. †	1860	1871
Jennings, Charles H.	1902	4085	Jones, William K.	1887	3227
Jennings, Rowley S. †	1838	964	Jones, William P. †	1840	1020
Jerome, Lovell H.	1870	2368	Jordan, Allen R. †	1870	2788
Jervey, Eugene P., jr.	1896	3676	Jordan, Charles D. †	1842	1154
Jervey, Henry	1888	3238	Jordan, Harry B.	1901	4014
Jervey, James P.	1892	3451	Jordan, Lambert W., jr.	1898	3829
Jesup, Charles E. †	1858	1824	Jordan, Sidney S.	1889	3294
Jewell, Frank C.	1899	3880	Jordan, Thomas †	1840	1057
Jewett, Henry C.	1901	4002	Jordan, William H.	1860	1881
Johns, Thomas †	1833	744	Joyes, John W.	1894	3568
Johns, Thomas D. †	1848	1400	Judah, Henry M. †	1843	1201
Johns, William B. †	1840	1055	Judd, Henry B. †	1839	999

List of Graduates of United States Military Academy. 415

Name.	Year.	No.	Name.	Year.	No.
Judson, John W. †	1836	870	King, Edward L.	1806	3717
Judson, William V.	1888	3240	King, Rufus †	1833	710
Justice, James.	1809	3933	King, William R. †	1803	1869
Kalk, Frank G. †	1886	3122	Kingman, Dan C.	1875	2551
Kane, Delancey A.	1868	2269	Kingsbury, Charles P. †	1840	1618
Kane, Elias K. †	1841	1105	Kingsbury, Frederick W. †	1870	2352
Kautz, August V. †	1840	1570	Kingsbury, Gaines P. †	1832	702
Keais, John L. †	1835	799	Kingsbury, Henry P.	1871	2357
Keech, Frank B.	1890	3382	Kingsbury, Henry W. †	1861	1891
Keene, Henry C.	1886	3153	Kingsbury, Julius J. B. †	1823	343
Keller, Charles †	1865	2097	Kinnard, Andrew †	1823	337
Keller, Charles.	1890	3332	Kinney, Samuel †	1830	607
Keller, Frank.	1901	4062	Kinney, Samuel H. †	1864	2046
Kello, William O. †	1832	700	Kinsey, Samuel †	1854	1654
Kellogg, John †	1849	1422	Kinsley, Zebina J. D. †	1819	210
Kellogg, Josiah H.	1860	1859	Kinsman, Benjamin W. †	1828	529
Kellogg, Lyman M. †	1852	1572	Kirby, Edmund †	1861	1897
Kelly, William.	1809	3869	Kirby, Henry.	1877	2678
Kelly, William, jr.	1860	3725	Kirk, John C. †	1817	167
Kelton, John C. †	1851	1519	Kirkham, Ralph W. †	1842	1147
Kemp, Ulysses G. †	1889	3314	Kirkman, George W.	1886	3319
Kendall, Henry F.	1878	2758	Kirkpatrick, George W.	1892	3499
Kendrick, Henry L. †	1835	801	Kirkpatrick, Newton D. †	1806	3688
Kenly, William L.	1889	3292	Knapp, Joshua L. †	1873	2481
Kennedy, Chase W.	1883	2986	Knight, Clarence H.	1901	4047
Kennedy, John F. †	1829	554	Knight, John G. D.	1868	2220
Kennington, Alfred E.	1860	3738	Knight, John T.	1884	3055
Kennon, Lyman W. V.	1881	2928	Knowlton, Joseph L.	1895	3625
Kensel, George A. †	1857	1769	Knowlton, Miner †	1829	550
Kent, Guy.	1901	4064	Knox, Thomas T.	1871	2396
Kent, J. Ford.	1861	1618	Kochersperger, Stephen M.	1866	3704
Kephart, Samuel A.	1892	3461	Koehler, Benjamin M.	1897	3787
Kernan, Francis J.	1881	2896	Koehler, Lewis M.	1885	3081
Kerr, Frederick B.	1899	3925	Koester, Francis J.	1888	3252
Kerr, James T.	1881	2906	Korn, William H. †	1839	1614
Kerr, John B.	1870	2362	Krause, William †	1865	2688
Kerr, John M. †	1866	1865	Krayenbuhl, Maurice G. †	1860	3342
Kerr, Robert D. †	1868	3813	Kreps, Jacob F.	1883	3011
Kerth, Monroe C.	1898	3819	Kromer, Leon B.	1899	3899
Kerwin, Arthur R.	1866	3732	Krumm, Herbert Z.	1902	4097
Kessler, Percy M.	1866	3687	Kuhn, Joseph E.	1885	3058
Ketcham, Daniel W.	1890	3351	Kurtz, John D. †	1842	1114
Ketcham, Thomas †	1811	57	Kutz, Charles W.	1893	3513
Ketchum, James M. †	1838	953	Kyle, John G. †	1870	2353
Ketchum, William Scott †	1834	781	Lacey, Edgar M. †	1827	406
Keyes, Allen C.	1901	4046	Lacey, Francis E.	1899	3320
Keyes, Erasmus D. †	1832	671	Lacey, Westwood †	1822	307
Kibby, Epaphras †	1834	756	Ladd, Eugene F.	1884	3032
Kilbourne, Charles E.	1866	2131	Ladue, William B.	1894	3563
Kilbourne, Lincoln F.	1893	3551	Lafitte, Jacques de L.	1891	3436
Kilburn, Charles L. †	1842	1132	Lafferty, Herbert A. †	1868	3855
Kilburn, Dana W.	1894	3601	Lagnol, Julius A. D. †	1821	285
Kilpatrick, Judson †	1861	1904	Lalum, Frank P.	1901	4016
Kimball, Frederick C. †	1886	3155	Laidley, Theodore T. S. †	1842	1116
Kimmel, Manning M.	1857	1781	Lambert, Edward J. †	1817	171
King, Charles.	1866	2136	Lamoureux, Thomas B.	1890	3356
King, David M.	1893	3523	La Motte, Joseph H. †	1827	495

Name.	Year.	No.	Name.	Year.	No.
Launcester, James M.†	1862	1981	Legate, Stephen B.†	1830	628
Launcester, Job R. H.†	1840	1023	Leggett, Wells W.†	1860	2209
Landers, George F.	1887	3185	Leitch, Joseph D.	1889	3325
Landis, J. F. Reynolds.	1878	2737	Lemly, Henry R.	1872	2421
Landon, Edwin.	1846	3677	Lendrum, Thomas W.†	1815	145
Landon, Henry H.	1872	2404	L'Engle, John†	1810	220
Laue, John F.†	1828	517	Lenihan, Michael J.	1887	3230
Laug, Clarence R.	1894	3571	Leonard, Luther†	1808	44
Langdon, Loomis L.	1854	1650	Leonhaeuser, Harry A.	1881	2924
Langdon, Russell C.	1896	3726	Leoser, Charles McK.	1861	1907
Langfitt, William C.	1883	2070	Leslie, Thomas J.†	1815	147
Langhorne, George T.	1889	3313	Lester, Charles H.†	1863	2016
Langsing, Arthur B.†	1839	877	Levy, Simon M.†	1802	2
La Point, Henry C.	1873	2495	Lewis, Edson A.	1887	3191
Larnard, Charles H.†	1831	644	Lewis, Edward M.	1880	3166
Larned, Charles H.†	1831	644	Lewis, Fisher A.†	1836	848
Larned, Charles W.	1870	2339	Lewis, Frederick W.	1846	3710
Larrabee, Adam†	1811	55	Lewis, Isaac N.	1884	3031
Lasseigne, Armand I.	1886	3150	Lewis, Louis H.†	1895	3957
Lassiter, William	1889	3304	Lewis, Martin V. B.†	1860	1872
Latimer, Alfred E.	1853	1616	Lewis, Thomas J.	1879	2802
Laubach, Howard L.	1893	3528	Lewis, William H.†	1849	1421
Laws, Albert	1893	3561	Leyden, James A.†	1879	2791
Lawson, Charles R.	1900	3945	Liggett, Hunter	1879	2800
Lawson, George W.†	1830	592	Lincoln, Abram B.	1845	1251
Lawton, Alexander R.†	1839	998	Lincoln, Albert†	1822	312
Lawton, Edward P.	1885	3066	Linden, H. St. James†	1825	420
Lawton, Frederick G.	1894	3588	Lindsay, George E.†	1820	250
Lawton, Louis B.	1893	3533	Lindsay, James R.	1890	3346
Lay, George W.†	1842	1151	Lindsey, Julian R.	1892	3481
Lazelle, Henry M.	1855	1706	Lindsey, Remembrance H.	1869	2286
Lazelle, Jacob H. G.†	1892	3475	Lindsley, Elmer	1891	3411
Lea, Albert Miller†	1831	633	Linnard, Thomas B.†	1830	505
Leach, Smith S.	1875	2550	Lissak, Ormond M.	1882	2939
Leadbetter, Danville†	1830	844	Littebrant, William T.	1888	3278
Learnard, Henry G.	1890	3362	Littell, Isaac W.	1883	2996
Leary, Edmund M.	1892	3482	Little, John†	1885	3080
Leavell, Benjamin W.	1879	2814	Livermore, Richard L.	1891	3400
Leavenworth, Jesse H.†	1830	608	Livermore, William R.	1865	2052
Le Comte, Henry C.	1893	3522	Livingston, John†	1803	5
Ledyard, Henry B.	1865	2064	Livingston, LaRhett L.	1853	1597
Lee, A. Nishet†	1865	2091	Lloyd, Charles F.	1874	2546
Lee, A. Tracy†	1867	2204	Lloyd, Thomas J.†	1865	2091
Lee, Charles C.†	1856	1714	Lochridge, P. D.	1887	3194
Lee, Fitzhugh	1859	1755	Locke, Joseph L.†	1828	515
Lee, Francis†	1822	313	Lockett, James	1879	2798
Lee, G. W. Cusfis.	1854	1631	Lockett, Samuel H.†	1859	1826
Lee, Harry R.	1889	3308	Lockwood, Daniel W.	1866	2123
Lee, John F.†	1834	758	Lockwood, Henry H.†	1836	863
Lee, Richard B.†	1817	169	Loder, Samuel H.†	1877	2711
Lee, Robert B.†	1829	542	Lodor, Richard	1850	1732
Lee, Roswell W.†	1833	714	Loeser, Charles McK.†	1861	1607
Lee, Stephen D.	1854	1647	Loeser, Lucien†	1842	1136
Lee, Thomas J.†	1830	593	Lomax, Lunsford L.	1856	1731
Lee, Thomas J.†	1857	1790	Lomia, Luigi	1897	2175
Lee, Walter H.†	1901	3998	Londou, Robert†	1873	2485
Legate, George M.†	1835	573	Loug, Armistead L.†	1850	1466

List of Graduates of United States Military Academy. 417

Name.	Year	No.	Name	Year	No.
Long, Edwin R.†	1829	579	Mackay, Alexander D.†	1828	477
Long, George W.†	1824	399	Mackay, James O.	1829	2778
Long, John D.	1829	3917	Mackay, John†	1829	848
Long, John O.†	1854	1661	Mackenzie, Alexander	1861	224
Long, Oscar F.	1876	2614	Mackenzie, John†	1819	224
Long, Richard H.†	1847	1349	Mackenzie, Ranald S.†	1862	1667
Longan, Rufus E.	1897	3778	Mackenzie, Samuel†	1818	187
Longley, Francis F.	1902	4070	Maclay, Isaac W.	1891	2912
Longstreet, James	1842	1164	Maclay, Robert P.	1840	1408
Loomis, Gustavus†	1811	62	MacNutt, Ira	1879	2329
Lorain, Lorenzo†	1859	1724	Macomb, Alexander S.†	1835	810
Loramier, Louis†	1866	25	Macomb, John N.†	1852	175
Lord, James H.†	1862	1992	Macomb, Montgomery M.	1874	2612
Lord, Richard S. C.†	1886	1750	Macrae, Nathaniel C.†	1826	491
Loring, Henry H.†	1818	193	Madison, Ambrose†	1817	179
Lott, Abraham G.	1896	3711	Magee, Augustus W.†	1809	48
Loucks, Melville R.†	1864	2041	Magilton, Albert L.†	1846	1289
Loughborough, Harrison†	1854	752	Maginnis, Thomas F.	1898	2830
Love, John†	1841	1072	Magruder, John B.†	1830	661
Lovell, Mansfield†	1842	1110	Magruder, John T.†	1857	1793
Loveridge, Eugene L.	1887	3224	Magruder, William B.†	1827	484
Loveridge, Wilbur†	1880	2838	Magruder, William T.†	1850	1490
Lovering, Leonard A.	1876	2602	Maguire, Edward†	1867	2164
Low, Ephraim W.†	1824	379	Mahan, Dennis H.†	1824	361
Low, William H.†	1872	2461	Mahan, Frederick A.	1867	2166
Lowe, Bradley, S. A.†	1814	118	Maitland, William S.†	1820	259
Lowe, William W.†	1873	1608	Major, Duncan K.	1869	3932
Lowndes, Rawlins†	1820	247	Major, James P.†	1856	1733
Lucas, Eugene W. Van C.	1887	3176	Malcolm, William†	1819	223
Lucas, Robert†	1866	23	Mallery, John C.	1867	2187
Ludlow, Henry H.	1876	2508	Mallory, John S.	1879	2815
Ludlow, William†	1864	2027	Malone, Paul B.	1894	3572
Lugenbeel, Pinkney†	1840	1044	Maney, James A.	1877	2713
Lukesh, Gustave R.	1900	3942	Mangum, Wiley P., Jr.	1901	4642
Lundeen, John A.	1873	2472	Mann, James D.†	1877	2676
Lupton, Lancaster P.†	1899	561	Mann, William A.	1875	2574
Lusk, James L.	1878	2718	Manning, David A.†	1830	624
Luther, Roland A.†	1836	858	Mansfield, Edward D.†	1819	206
Lydecker, Garrett J.	1864	2020	Mansfield, Francis W.	1871	2397
Lyford, Stephen C.†	1861	1043	Mansfield, Joseph K. F.†	1822	287
Lyle, David A.	1869	2284	Mansfield, Samuel M.	1862	1972
Lyle, David E. W.	1898	3849	March, Peyton C.	1888	3247
Lyman, Charles G.	1886	3156	March, Thomas J.	1868	2264
Lynch, Arthur J.	1901	4050	Marcy, Randolph B.†	1832	660
Lynde, Isaac†	1827	501	Markham, Edward M.	1899	3872
Lynn, Daniel D.†	1860	1862	Marmaduke, John S.†	1857	1789
Lyon, Henry G.	1890	3372	Marsh, Frederick	1877	2654
Lyon, Hylan B.	1856	1729	Marsh, Ormond†	1811	68
Lyon, LeRoy S.	1891	3301	Marsh, Salem S.†	1890	1873
Lyon, Marcus W.	1872	2414	Marshall, Elisha G.†	1850	1474
Lyon, Nathaniel†	1841	1069	Marshall, Francis C.	1890	3349
MacDonald, Philip W.†	1841	1697	Marshall, Humphrey†	1832	703
Macdonald, Godfrey H.	1883	2090	Marshall, James M.	1865	2086
Macfeely, Robert†	1850	1480	Marshall, Louis H.†	1849	1447
Mack, Oscar A.†	1850	1457	Marshall, William L.	1898	2225
Mackall, James B.†	1868	2223	Martin, Amos H.	1803	3535
Mackall, William W.†	1837	898	Martin, Chancellor	1808	2258

Name.	Year.	No.	Name.	Year.	No.
Martin, Charles F.	1900	3951	McClellan, John, jr.	1867	2180
Martin, Charles H.	1887	3102	McClelland, George C.†	1843	1205
Martin, Edward H.	1898	3854	McClermand, Edward J.	1870	2347
Martin, James G.†	1840	1030	McCloskey, Manus.	1868	3816
Martin, James P.†	1860	1809	McClure, Albert N.	1899	3939
Martin, John T.	1889	3289	McClure, Charles	1879	2810
Martin, Leonard†	1861	1920	McClure, Daniel†	1849	1427
Martin, Medad C.	1877	2001	McClure, Daniel W.†	1849	1427
Martin, William F.	1885	3084	McClure, George W.	1830	625
Martin, William T.	1837	907	McClure, James†	1833	742
Martindale, John H.†	1835	788	McClure, Samuel V.	1866	3674
Marye, William A.	1862	1977	McClure, Nathaniel F.	1887	3196
Mason, Charles†	1829	541	McConnell, Thomas R.†	1846	1321
Mason, George T.†	1842	1153	McCook, Alexander McD.	1852	1565
Mason, James L.†	1836	843	McCormick, Loyd S.	1876	2630
Mason, John S.†	1847	1339	McCornack, Willard H.	1897	3788
Mason, Milo†	1868	39	McCown, John P.†	1840	1026
Mason, Stanton A.†	1875	2572	McCoy, Frank R.	1897	3775
Massey, Solon F.†	1877	2649	McCrabb, John W.†	1833	734
Mather, William W.†	1828	522	McCrane, Thomas†	1836	888
Mathews, John H.†	1838	970	McCrea, Tully.	1862	1980
Mauck, Edwin†	1865	2682	McCreery, William W.†	1860	1857
Mauldin, Frank G.	1890	3350	McCrimmon, Ariosto	1877	2715
Maury, Dabney H.	1846	1368	McDonald, Angus W.†	1817	173
Maus, Marion P.	1874	2545	McDonald, David N.	1877	2712
Maxey, Robert J.	1898	3862	McDonald, Isaiah H.	1870	2364
Maxey, Samuel B.†	1846	1320	McDonald, John B.	1881	2930
Maxon, Mason M.	1869	2311	McDonough, Michael J.	1899	3882
Maxwell, J. Edward†	1850	1491	McDowell, Irvin†	1838	963
Maxwell, Marcus	1886	3172	McDuffee, Franklin†	1832	672
May, Charles O.†	1829	583	McElvain, Joseph†	1845	1269
May, Will T.	1879	2816	McFarland, Munroe	1888	3269
Maybach, Alfred A.	1901	4931	McFarland, Walter†	1860	1847
Maynadier, Henry E.†	1851	1510	McFarland, William C.	1872	2445
Maynadier, William†	1827	472	McFerran, John C.†	1843	1200
McA Lester, Miles D.†	1856	1713	McGinness, John R.	1863	2003
McAlexander, Ulysses G.	1887	3226	McGinness, John R.	1902	4108
McAllister, Julian†	1847	1334	McGlachlin, Edward F.	1889	3301
McAndrew, James W.	1888	3249	McGrath, Hugh J.†	1880	2850
McArthur, John C.	1894	3593	McGregor, Robert	1889	3287
McArthur, Joseph H.†	1849	1443	McGrew, Milton L.	1895	3640
McArthur, Malcolm†	1865	2099	McIndoe, James F.	1891	3388
McArthur, Thomas†	1820	255	McIntire, Samuel B.	1862	1989
McAuliffe, James R.†	1875	2565	McIntosh, James McQ.†	1849	1449
McBroom, Walter S.	1895	3656	McIntyre, Augustine	1900	3991
McCain, Henry P.	1885	3077	McIntyre, Frank.	1886	3106
McCain, William A.	1902	4111	McIntyre, James B.†	1853	1627
McCaleb, Thomas S.	1875	2590	Melver, George W.	1882	2950
McCall, George A.†	1822	311	McKavett, Henry†	1834	773
McCallum, William B.†	1867	2215	McKean, Thomas J.†	1831	647
McCalmont, John S.†	1842	1142	McKee, George W.†	1863	2004
McCarthy, Daniel E.	1881	2908	McKee, Samuel†	1858	1810
McCaskey, Edward W.	1886	3130	McKee, William R.†	1829	552
McCauley, Charles A. II.	1870	2333	McKeever, Chauncey†	1849	1420
McCleary, John†	1854	1676	McKenna, Frank B.	1893	3555
McClellan, George B.†	1846	1273	McKinney, John A.†	1871	2390
McClellan, John†	1829	434	McKinstry, Charles H.	1888	3239

List of Graduates of United States Military Academy. 419

Name.	Year.	No.	Name.	Year	No
McKinstry, Justus †	1838	980	Merrill, Thomas R.	1898	3818
McKissack, William M. D. †	1835	822	Merrill, William E. †	1859	1825
McLane, Robert M. †	1837	927	Merriman, Edward M.	1867	2193
McLaughlin, William H.	1865	2075	Merritt, Wesley	1866	1868
McLaws, Lafayette †	1842	1158	Merry, William T.	1869	3924
McLean, Eugene E.	1842	1157	Metcalf, Henry	1868	2227
McLean, Nathaniel H. †	1848	1395	Metcalf, John T. †	1838	94
McLemore, Owen K. †	1856	1749	Meyer, Henry A., jr.	1901	4004
McLeod, Hugh †	1835	841	Meyer, Oren B.	1890	3384
McMahon, John E.	1886	3107	Meyler, James J. †	1887	3175
McManus, George H.	1893	3520	Michie, Dennis M. †	1892	3502
McManus, John	1900	3989	Michie, Peter S. †	1863	1686
McMartin, Peter †	1825	393	Michie, Robert R. L.	1885	3683
McMartin, John	1877	2645	Michler, Frank †	1870	2355
McMaster, George H.	1892	3509	Michler, Nathaniel †	1848	1375
McMillan, James	1856	1752	Middleton, Henry †	1815	121
McNair, William S.	1860	3353	Miles, Dixon S. †	1824	37
McNally, Reginald E.	1899	3937	Miles, Perry L.	1895	3639
McNamara, Thomas †	1822	320	Miley, John D. †	1887	3193
McNeil, Clarence H.	1896	3679	Millar, Edward A.	1882	2945
McNeill, Edwin †	1878	2720	Miller, A. Galbraith †	1848	1366
McNeill, Henry C. †	1857	1785	Miller, Albert S. †	1823	359
McNeill, William Gibbs †	1817	172	Miller, Alexander M., jr.	1896	3903
McNutt, Albert S. †	1881	2899	Miller, A. Macomb	1865	2049
McNutt, John †	1840	1019	Miller, Benjamin F.	1902	4120
McPherson, James B. †	1853	1579	Miller, Claude H.	1897	3784
McQuesten, James F. †	1861	1926	Miller, Crosby P.	1867	2173
McQuiston, Charles †	1883	3015	Miller, Harvey W.	1898	3834
McRae, Alexander †	1851	1516	Miller, John H. †	1833	718
McRae, James H.	1886	3144	Miller, John K.	1892	3473
McRee, Samuel †	1820	253	Miller, Lawrence S.	1897	3757
McRee, William †	1805	9	Miller, Marcus P.	1858	1895
Meade, Francis K. †	1898	3827	Miller, Morris S. †	1834	763
Meade, George G. †	1835	804	Miller, Samuel H. †	1831	638
Meade, Richard K. †	1857	1761	Miller, Samuel W.	1879	2817
Mearns, Robert W.	1892	3510	Miller, Thomas E. †	1856	1735
Mebane, John A. †	1850	1465	Miller, Troup	1902	4119
Mechling, William T. †	1848	1401	Miller, Wentz C. †	1869	2395
Medcalfe, William M. †	1876	2600	Miller, William H.	1872	2450
Meigs, John R. †	1863	1995	Millikin, Seth M.	1897	3791
Meigs, Montgomery C. †	1836	846	Millis, John	1881	2879
Mellen, Albert H. †	1874	2520	Mills, Albert L.	1879	2766
Mendell, George H.	1852	1538	Mills, Samuel M.	1865	2101
Mendenhall, John †	1851	1513	Mills, Stephen C.	1877	2699
Menoher, Charles T.	1886	3112	Miner, Christopher C.	1879	2807
Mercer, Hugh W. †	1828	510	Minor, Charles L. C. †	1826	458
Mercer, John T. †	1854	1670	Minor, Colville J. †	1846	1291
Merchant, Charles G. †	1843	1204	Minus, Josiah C.	1899	3908
Merchant, Charles S. †	1814	92	Mishler, Lyman †	1860	1883
Mercur, James †	1866	2116	Mitcham, Orin B.	1874	2819
Merillat, Alfred C.	1890	3341	Mitchel, O. McKnight †	1829	555
Merrill, Abner H.	1866	2132	Mitchel, Ormsby M. †	1865	2667
Merrill, Elijah H.	1878	2749	Mitchell, Alexander M. †	1835	818
Merrill, Hamilton W. †	1838	967	Mitchell, Americus	1895	3638
Merrill, Henry †	1845	1249	Mitchell, Enos G. †	1828	523
Merrill, Lewis †	1855	1666	Mitchell, George E.	1897	3758
Merrill, Moses E. †	1826	465	Mitchell, Harry R.	1900	3973

Name.	Year.	No.	Name.	Year.	No.
Mitchell, Henry E.	1902	4103	Morton, Alexander L.	1868	2242
Mitchell, Warren H. †	1894	3573	Morton, Charles	1869	2247
Mitchell, William A.	1902	4068	Morton, Charles G.	1883	2688
Mizner, John K. †	1856	1743	Morton, James St. C. †	1851	1495
Moberly, William J. †	1866	2153	Morton, Kenneth	1892	3458
Mock, William †	1836	879	Moseley, George V. H.	1899	3904
Molinard, Albert J. S. †	1851	1509	Moses, Andrew	1867	3797
Moniac, David †	1822	324	Moses, George W.	1896	3685
Monroe, James †	1815	131	Moss, Henry N.	1867	2205
Montgomery, Alexander †	1834	785	Moss, James A.	1894	3616
Montgomery, George	1890	3343	Mott, Seward †	1886	3169
Montgomery, Thomas J. †	1845	1250	Mott, Thomas Bentley.	1886	3128
Montgomery, William R. †	1825	419	Mott, Wallace	1871	2382
Moon, Henry B.	1880	2863	Monton, John J. A. A. †	1850	1487
Moore, Charles E. †	1865	2103	Mowry, Sylvester S. †	1852	1551
Moore, George D.	1890	3373	Mudge, Robert R. †	1833	720
Moore, Harry DeW. †	1872	2420	Mueller, Albert H.	1901	4067
Moore, Isaiah N. †	1851	1507	Muir, Charles H.	1885	3095
Moore, James S. †	1829	582	Mullan, John	1852	1550
Moore, James T.	1892	3504	Muller, Carl H.	1901	4045
Moore, John C.	1849	1423	Mullins, John †	1854	1673
Moore, John K.	1897	3751	Mumford, Ferdinand S. †	1838	981
Moore, Samuel D. J.	1837	931	Mumford, Thomas S.	1871	2405
Moore, Stephen W. †	1827	503	Mumma, Morton C.	1900	3966
Moore, Tredwell †	1847	1356	Munro, James N.	1897	3795
Moorhead, Henry C. †	1836	889	Munroe, John †	1814	94
Moran, Edward J.	1902	4087	Munroe, John E.	1902	4081
Mordecai, Alfred †	1823	320	Munton, Charles H. †	1848	3820
Mordecai, Alfred, jr.	1861	1941	Murdock, Francis B. †	1812	77
Morell, George W. †	1835	786	Murphy, Eugene P.	1867	2182
Morey, Lewis S.	1900	3980	Murphy, Pierce A.	1897	3760
Morgan, Charles H. †	1857	1771	Murphy, Truman O.	1891	3395
Morgan, Edwin W. †	1837	893	Murphy, William L. †	1898	3861
Morgan, George H.	1880	2858	Murray, Albert M. †	1862	1999
Morgan, Henry S. †	1897	3745	Murray, Arthur.	1874	2510
Morgan, James M. †	1835	795	Murray, Cunliffe H.	1877	2665
Morgan, John M.	1893	3532	Murray, Edward †	1841	1099
Morgan, Michael R.	1854	1046	Murray, John W. †	1830	604
Moriarity, Ambrose L.	1887	3212	Murray, Peter	1890	3379
Morley, George †	1812	85	Myers, Abraham C. †	1833	738
Morris, Charles	1865	2108	Myers, Frederic †	1846	1315
Morris, Charles F. †	1841	1110	Myers, Jasper	1862	1970
Morris, Lewis N. †	1820	248	Myers, John E. †	1873	2488
Morris, Thomas A.	1834	753	Myers, William †	1852	1597
Morris, Thompson †	1822	316	Naglee, Henry M. †	1835	808
Morris, William H. †	1851	1520	Nance, John T.	1886	3110
Morris, William W. †	1820	261	Napier, Leroy †	1858	1807
Morris, Willis V.	1900	3953	Nauman, George †	1823	333
Morrison, Charles C. †	1871	2378	Nave, Andrew H.	1871	2388
Morrison, James C. †	1868	2234	Naylor, Charles J.	1901	4043
Morrison, John, jr. †	1899	3699	Neall, John M.	1883	2994
Morrison, John F.	1881	2904	Neff, Albert J. †	1866	2150
Morrison, William F.	1902	4088	Neill, Lewis †	1843	1186
Morrison, William L. E. †	1828	531	Neill, Thomas H. †	1847	1357
Morrow, Jay J.	1891	3389	Nelly, Henry M.	1902	4109
Morse, Benjamin C.	1884	3054	Nelson, Anderson D. †	1841	1101
Morton, Alexander H. †	1821	276	Nelson, Hunter B.	1893	3560

List of Graduates of United States Military Academy. 421

Name	Year	No.	Name	Year	No.
Nesbitt, William F.	1865	3832	O'Hern, Edward P.	1864	3599
Newbill, Willard D.	1867	3806	O'Rourke, Patrick H. †	1861	1633
Newbold, Henry L.	1868	3831	O'Toole, William D.	1865	2102
Newcomb, Francis D. †	1824	386	Ogden, Charles C. †	1861	3430
Newcomb, Warren P.	1882	2937	Ogden, Cornelius A. †	1819	205
Newcomer, Henry C.	1886	3007	Ogden, Edmund A. †	1881	649
Newell, Isaac	1866	3760	Ogle, Alfred McC.	1879	2786
Newell, John E. †	1823	353	Ogle, Alexander †	1872	2455
Newman, Samuel †	1868	42	Ogle, Charles H. †	1848	1397
Newman, William	1862	3487	Oliver, Llewellyn W.	1869	3034
Newton, John †	1842	1112	Oliver, Prince A.	1901	4048
Newton, William S. †	1818	199	Olmsted, George T.	1865	2081
Nicholls, Francis R. T.	1885	1688	Olmsted, Jerauld A.	1870	2354
Nicholls, Jesse C.	1869	3879	Ord, Edward O. C. †	1839	1002
Nicholls, John †	1823	354	Orr, John D. †	1817	176
Nichols, Thomas B. †	1872	2451	Orr, Solon †	1866	2140
Nichols, William A. †	1838	959	Orton, Edward P.	1866	3749
Nicodemus, William J. L. †	1888	1820	Osborne, William H. †	1861	3495
Niles, Lotus	1875	2554	Osgood, Charles H. †	1883	3093
Nimmo, William A. †	1849	1416	Osgood, Henry B.	1897	2185
Niskern, Albert D.	1886	3121	Osgood, Nathaniel W. †	1812	84
Nissen, August C.	1895	3636	Osgood, Worth.	1869	2285
Noah, Samuel †	1807	30	Ostheim, Lewis †	1883	2687
Noble, Henry B. †	1861	1923	Otis, Elmer †	1853	1615
Noble, Patrick †	1842	1143	Otis, Harrison G.	1874	2527
Noble, Robert H.	1884	3052	Otwell, Curtis W.	1868	3823
Noel, Thomas †	1820	254	Overman, Lewis C. †	1865	2048
Nolan, Dennis E.	1866	3719	Overton, Clough	1888	3258
Nolan, James E. †	1886	3143	Overton, Winfield S.	1897	3759
Nones, Edward P.	1900	3969	Owens, Wesley †	1856	1726
Norcom, Frederick †	1825	413	Oyster, Joseph S.	1874	2518
Norman, Traber	1862	3478	Paddock, George H.	1873	2484
Normoyle, James E.	1889	3327	Paddock, James V. S.	1877	2674
Norris, Charles E. †	1851	1517	Page, Francis N. †	1841	1100
Norris, William F.	1872	2446	Pague, Samuel S. †	1876	2635
Northrop, Lucius B. †	1831	650	Paige, George H. †	1848	1364
Norton, Allen H. †	1842	1140	Paige, Timothy †	1824	385
Norton, Charles C.	1874	2531	Paine, Charles H.	1895	3626
Norton, Seneca H.	1865	2077	Paine, Eleazer	1839	1009
Norton, William A. †	1831	635	Paine, Eleazer A. †	1839	1009
Noyes, Charles R.	1879	2787	Paine, Ferdinand †	1848	1399
Noyes, Henry E.	1861	1955	Paine, William C. †	1858	1798
Nugen, John †	1852	1563	Paine, William H.	1864	3577
Nugent, George A.	1898	3821	Palfrey, Carl F.	1870	2315
Nute, Levi M. †	1823	340	Palfrey, Edward A. †	1851	1530
Nuttman, Louis M.	1895	3647	Palfrey, John C.	1857	1760
Nye, Frank E.	1869	2289	Palmer, Appleton D.	1865	2670
Oakes, James	1846	1305	Palmer, Charles D.	1888	3444
Oakes, John C.	1897	3743	Palmer, Frederick L.	1884	3036
O'Brien, Alonzo L. †	1879	2789	Palmer, George	1876	2937
O'Brien, John P. J.	1830	857	Palmer, Innis N. †	1849	1399
O'Brien, Michael J. †	1885	3060	Palmer, John McA.	1892	3468
O'Connell, John D. †	1852	1562	Palmer, Waterman †	1854	1664
O'Connor, John J.	1862	3489	Palmer, William †	1828	518
O'Connor, Charles M.	1873	2499	Pardee, Julius H. †	1871	2410
O'Connor, Edgar †	1851	1672	Park, Roswell †	1831	629
O'Hara, James	1866	2130	Parke, John G. †	1849	1408

Name.	Year.	No.	Name.	Year.	No.
Parke, John S.	1879	2861	Peck, Robert H.	1899	3930
Parker, Charles F.	1885	3097	Peck, William G.†	1844	1206
Parker, Dexter W.	1870	2350	Pegram, George H.†	1833	737
Parker, Francis H.†	1861	1952	Pegram, John †	1854	1610
Parker, Francis Le J.	1894	3574	Pegram, John C.	1902	4084
Parker, Frank	1864	3502	Peirce, Austin L.†	1870	2311
Parker, James	1870	2623	Peirce, William S.	1888	3245
Parker, James S.	1895	3643	Pelouze, Louis H.†	1853	1595
Parker, John H.	1892	3498	Pemberton, John C.†	1837	917
Parker, Percy.	1879	2821	Pence, William P.	1894	3565
Parker, Robert B.†	1841	1086	Pender, William D.†	1854	1549
Parker, Theophilus.	1877	2659	Pendleton, Edwin P.	1879	2781
Parkhurst, Charles D.	1872	2422	Pendleton, William N.†	1830	591
Parkhurst, Jabez†	1814	114	Penn, Julius A.	1886	3165
Parks, Martin P.†	1826	449	Pennington, Alex. C. M.	1860	1864
Parks, Martin P., jr.†	1851	1514	Penrose, James W.†	1828	539
Parmerter, Almon L.	1885	3073	Pentland, Joseph†	1821	275
Parrott, Robert P.†	1824	393	Perkins, David†	1827	489
Parsons, Charles C.†	1861	1945	Perkins, Delavan D.†	1849	1414
Parsons, Lanning.	1896	3739	Perkins, Frederick.	1883	3017
Partridge, Alden†	1866	15	Perkins, George T.	1900	3987
Partridge, William.	1866	18	Perrine, Henry P.	1869	2303
Patch, Alexander M.	1877	2706	Perry, Alexander J.	1851	1506
Patrick, Marsena R.†	1835	833	Perry, Alexander W.	1888	3277
Patrick, Mason M.	1886	3048	Perry, Christopher R.†	1842	1163
Patten, Francis J.†	1877	2669	Perry, Howard R.	1893	3549
Patten, George†	1847	1340	Pershing, John J.	1886	3126
Patten, George H.	1882	2954	Peters, George P.†	1808	40
Patten, George W.†	1830	622	Peterson, Matt R.†	1889	3315
Patten, William T.	1894	3931	Petigru, Charles†	1829	559
Patterson, Charles E.†	1861	1903	Petrikín, Reuben W.†	1865	2058
Patterson, George T.	1866	3698	Pettes, William H.†	1832	684
Patterson, George T. T.†	1872	2447	Pettit, Colville M.†	1886	3120
Patterson, Robert E.	1851	1522	Pettit, James S.	1878	2722
Patterson, Thomas C.†	1877	2644	Peyton, Ephraim G.	1899	3938
Pattison, Harry H.	1893	3549	Peyton, Richard H.†	1831	634
Paul, Gabriel R.†	1834	767	Phelps, Frederick E.	1870	2348
Pawling, Joseph H.†	1829	571	Phelps, John W.†	1836	865
Paxton, Robert G.	1887	3203	Philbrick, John H.†	1877	2670
Payne, Brooke.	1895	3633	Phillips, Charles B.†	1864	2028
Payne, David W.	1865	2053	Phillips, Charles L.	1881	2801
Payne, J. Scott†	1866	2146	Phillips, Edwin D.†	1852	1576
Payson, Albert H.	1868	2219	Phillips, Elias†	1823	350
Peace, Willis G.	1901	4917	Phillips, Joseph A.†	1823	351
Pearce, Earle D'A.	1897	3767	Phillips, William A.	1889	3317
Pearce, Fred. A.†	1897	3799	Phipps, Frank H.	1863	2005
Pearce, N. Bartlett.	1850	1475	Phister, Nat. P.	1878	2751
Pearce, Thomas A.	1895	3997	Pickell, John†	1822	301
Pearce, Thomas H.†	1826	468	Pickering, Abner.	1878	2735
Pearson, Daniel C.	1870	2336	Pickering, James N.	1866	3720
Pearson, John A.	1901	4947	Pickett, George E.†	1846	1330
Pease, William R.†	1855	1707	Pieton, John M. W.†	1824	372
Peck, Ernest D.	1901	3997	Pierce, Palmer E.	1891	3426
Peck, Frank H.	1886	2835	Pike, Emory J.	1901	4066
Peck, Fremont P.†	1887	3190	Pillow, Jerome G.	1901	4932
Peck, John J.†	1843	1174	Pillsbury, George B.	1900	3940
Peck, Lafayette†	1857	1797	Piper, Alexander†	1851	1498

List of Graduates of United States Military Academy. 423

Name.	Year.	No.	Name.	Year.	No.
Piper, Alexander R.	1889	3310	Prentiss, Henry R.†	1831	632
Pipes, Henry A.†	1802	3476	Prentiss, James H.†	1830	595
Pitcher, John	1876	2634	Prescott, Jonathan†	1821	264
Pitcher, Thomas G.†	1845	1270	Preston, Guy H.	1888	3262
Pitkin, Lucius†	1838	955	Preston, John F., jr.	1894	3583
Pitman, John	1867	2165	Price, David	1877	2955
Platt, Edward R.†	1849	1419	Price, Philip M.†	1864	2276
Platt, William P.	1901	4019	Price, Robert N.†	1870	2366
Pleasanton, Alfred†	1844	1212	Price, William H.†	1834	784
Pleasanton, Augustus J.† . . .	1826	448	Prime, Frederick E.†	1850	1450
Plummer, Augustus H.† . . .	1853	1626	Prince, Henry†	1835	815
Plummer, Edward H.	1877	2660	Prince, Leonard M.†	1802	3445
Plummer, Joseph B.†	1841	1080	Pritchard, George B., jr. . . .	1895	3653
Plummer, Samuel M.†	1835	817	Procter, Robert G.†	1886	3118
Plummer, Satterlee C.†	1865	2109	Proveaux, Joseph†	1864	20
Plympton, Peter W., L.† . . .	1847	1365	Prunty, Leonard W.	1901	4030
Poe, Orlando M.†	1856	1716	Pullman, John W.	1869	2293
Poillon, Richard H.	1871	2386	Purdy, Clarence N.	1896	3714
Poland, John S.†	1861	1921	Putnam, Alfred B.	1890	3875
Poland, Martin L.†	1864	2036	Putnam, George I.	1885	3090
Polk, Leonidas†	1827	477	Putnam, Haldimand S.†	1857	1767
Polk, Marshall T.†	1852	1558	Pyle, George W.†	1868	2260
Pond, George E.	1872	2432	Quattlebaum, Paul J.†	1857	1758
Poole, Benjamin†	1830	596	Quay, Andrew G., C.	1888	3264
Poole, John H.	1901	3996	Quinan, William R.	1870	2319
Pooler, Robert W.†	1815	149	Quinby, Isaac F.†	1843	1172
Poore, Benjamin A.	1886	3129	Quinn, James B.	1866	2122
Pope, Curran†	1834	760	Rabb, James D.†	1863	1997
Pope, Francis A.	1909	3946	Radford, Richard C., W.† . . .	1845	1261
Pope, Francis H.	1897	3752	Rafferty, William A.	1865	2072
Pope, James W.	1868	2257	Rafferty, William C.	1880	2830
Pope, John†	1842	1127	Rains, Gabriel J.†	1827	482
Pope, John, jr.	1868	2248	Rains, George W.†	1842	1113
Porter, A. Parker†	1886	1719	Rains, Sevier M.†	1876	2610
Porter, David M.†	1821	284	Ralston, Robert R.	1902	4071
Porter, David R.†	1865	2068	Ramsay, George D.†	1820	257
Porter, Fitz-John†	1845	1238	Ramsay, George D., jr.†	1863	2012
Porter, Giles†	1818	188	Ramsour, Stephen D.†	1860	1860
Porter, Horace	1860	1849	Ramsey, Frank De W.	1885	3075
Porter, James E.†	1869	2288	Rand, Lewis H.	1899	3871
Porter, John M.	1879	2772	Randal, Horace†	1854	1675
Post, James C.†	1865	2059	Randell, Theodore†	1804	52
Post, Justus†	1807	26	Randol, Alanson M.†	1860	1855
Postley, Clarence A.	1870	2327	Randolph, Benjamin H.	1876	2332
Potter, Charles L.	1886	3101	Randolph, Thomas B.†	1812	79
Potter, Joseph H.†	1843	1188	Rankin, James L.†	1830	997
Powell, Albert M.†	1860	1866	Ransom, Hyatt C.†	1851	1515
Powell, Charles F.	1867	2167	Ransom, Owen P.†	1838	994
Powell, Hiram McL.	1890	3347	Ransom, Robert†	1850	1467
Powers, Clinton J.†	1895	2070	Rathbone, Jared I.	1865	2090
Powers, Robert B.	1896	3741	Rathbone, Samuel B.†	1808	34
Pratt, Henry C.†	1837	910	Rawles, Jacob B.	1861	1916
Pratt, John T.†	1818	202	Rawson, William†	1869	2306
Pratt, Raymond S.	1901	4030	Ray, James B.	1890	3895
Pratt, Sedgwick	1867	2187	Raymond, Charles W.	1865	2047
Prentice, James	1901	4060	Raymond, John C.	1897	3793
Prentiss, George H.†	1827	488	Raymond, Robert R.	1893	3516

Name	Year.	No.	Name	Year.	No.
Raynolds, William F.†	1843	1171	Richardson, Israel B.†	1841	1096
Rea, Charles H.†	1869	2287	Richardson, Lorrain T.†	1895	3642
Read, Alvan C.†	1898	3846	Richardson, Wilds P.†	1884	3042
Read, George W.†	1883	3008	Riché, Charles S.†	1886	3099
Read, Robert D., jr.†	1877	2696	Richey, John A.†	1845	1248
Read, William†	1844	1221	Richmond, Ephraim T. C.†	1867	2184
Reap, Frank P.†	1872	2460	Ricketts, James B.†	1839	1001
Reber, Samuel†	1886	3113	Ridenour, Edgar†	1898	3858
Reed, Henry A.†	1870	2321	Ridgely, Charles G.†	1826	433
Reed, Hugh T.†	1873	2503	Ridgely, Randolph†	1837	932
Reed, James G.†	1834	776	Ridgely, Samuel C.†	1831	637
Reed, Sardine P.†	1855	1814	Ridgely, Samuel H.†	1826	454
Rees, Thomas H.†	1886	3100	Ridgway, Thomas†	1883	2978
Reese, Chauncey B.†	1859	1828	Rigal, William F.†	1815	122
Reese, William I.†	1869	2266	Riggs, Joel†	1833	733
Reeve, Horace M.†	1892	3479	Riggs, Kerr T.†	1901	4044
Reeve, Isaac V. D.†	1835	830	Riley, Edward B. D.†	1860	1880
Reeves, Isaac S. K.†	1838	949	Ringgold, George H.†	1833	739
Reeves, James H.†	1892	3471	Ringgold, Samuel†	1818	184
Rehkopf, Ned B.†	1902	4093	Ringgold, Thomas Lee†	1838	952
Reid, Charles M.†	1865	2078	Ripley, James W.†	1814	102
Reid, James R.†	1863	2019	Ripley, Roswell S.†	1843	1173
Reid, J. Chester†	1833	743	Ritner, Joseph†	1830	613
Reilly, James W.†	1863	2006	Ritter, John F.†	1856	1742
Reisinger, Paul†	1896	3695	Rivers, Tyree R.†	1883	2699
Remak, Stanislaus†	1867	2266	Rivers, William C.†	1887	3197
Remington, Philip H.†	1861	1956	Rives, Wright†	1861	1929
Renick, Robert M.†	1835	796	Robbins, Kenelm†	1863	2017
Rennard, John C.†	1890	3338	Robert, Henry M.†	1857	1763
Reno, Jesse L.†	1836	1279	Roberts, Alpheus†	1808	43
Reno, Marcus A.†	1857	1779	Roberts, Benjamin S.†	1835	838
Reynolds, Alexander W.†	1838	975	Roberts, Charles D.†	1897	3749
Reynolds, Alfred†	1874	2536	Roberts, Harris L.†	1880	2864
Reynolds, Bainbridge†	1873	2486	Roberts, Hugh A.†	1899	3884
Reynolds, Frank A.†	1861	1965	Roberts, Joseph†	1835	793
Reynolds, John F.†	1841	1684	Roberts, Thomas A.†	1897	3773
Reynolds, Joseph J.†	1843	1176	Robertson, Beverly H.†	1849	1431
Reynolds, Samuel H.†	1849	1448	Robertson, Edgar B.†	1874	2523
Reynolds, William†	1823	346	Robertson, Samuel C.†	1879	2795
Reynolds, William B.†	1879	2805	Robertson, Samuel W.†	1902	4096
Reynolds, William F.†	1867	2169	Robertson, William†	1840	1046
Rhea, James C.†	1899	3921	Robichon, Hector A.†	1899	3936
Rhea, William†	1845	1264	Robins, Ernest S.†	1884	3048
Rhett, Edmund M.†	1900	3943	Robinson, Augustus G.†	1857	1777
Rhett, Thomas G.†	1845	1236	Robinson, Eustace†	1834	780
Rhett, Thomas S.†	1848	1382	Robinson, Gordon†	1901	4037
Rhodes, Charles D.†	1880	3307	Robinson, Henry E.†	1871	2399
Ribbel, Charles H.†	1871	2393	Robinson, James W.†	1852	1548
Riblett, Jacob R.†	1872	2431	Robinson, James P.†	1900	3681
Rice, Frank S.†	1874	2514	Robinson, William G.†	1858	1822
Rice, John H.†	1863	3519	Robinson, William W.†	1869	2304
Rice, Olin F.†	1861	1028	Robinson, Wirt†	1887	3182
Rich, Lucius L.†	1853	1628	Roche, Edward A.†	1897	3781
Richards, George C.†	1823	328	Rockwell, Charles F.†	1863	2608
Richards, James R.†	1878	2746	Rockwell, Charles H.†	1869	2298
Richards, Melzar C.†	1881	2889	Rockwell, James†	1870	2316
Richardson, Asa†	1823	352	Rockwell, Verne La S.†	1900	3985

List of Graduates of United States Military Academy. 425

Name.	Year.	No.	Name.	Year.	No.
Rodgers, Alexander	1875	2579	Rupp, Joseph D.†	1819	225
Rodgers, Alexander P.†	1846	1301	Rush, Richard H.†	1847	1207
Rodgers, John I.	1861	1898	Russ, Charles P.†	1888	1784
Rodman, John B.	1868	2252	Russel, Edgar	1887	3184
Rodman, Samuel	1882	2947	Russell, Albert J.†	1876	2633
Rodman, Thomas J.†	1841	1005	Russell, Andrew H.	1871	2373
Rodney, George C.†	1837	916	Russell, Charles E.†	1866	1718
Roe, Charles F.	1868	2268	Russell, David A.†	1845	1268
Roe, Fayette W.	1871	2409	Russell, Edmund†	1846	1327
Roe, William J.	1867	2209	Russell, Frank W.	1868	2262
Roessler, Solomon W.	1877	2643	Russell, George M.	1901	4026
Rogers, Alfred H.†	1872	2453	Russell, John B. E.†	1818	196
Rogers, Charles G.†	1854	1641	Russell, John C.†	1818	196
Rogers, Daniel G.†	1840	1054	Russell, Robert M.†	1848	1300
Rogers, James S.	1880	2862	Rust, Armistead T. M.†	1842	1141
Rogers, Jason†	1821	283	Rutherford, Samuel McP.	1802	3407
Rogers, Robert M.	1867	2177	Rutledge, Arthur M.†	1837	922
Rogers, William C.	1863	3554	Ryan, George†	1857	1793
Rogers, William E.	1867	2191	Ryan, James A.	1860	3358
Roland, John F.†	1836	860	Ryan, John P.	1888	3265
Rollins, James H.†	1862	1991	Ryan, Stephen V. R.†	1825	397
Romeyn, Charles A.	1869	3800	Sacket, Delos B.†	1845	1262
Ronan, George†	1811	69	Saffarans, George C.	1801	3425
Root, De Witt N.†	1851	1505	Saffold, Marion B.†	1879	2820
Root, Edwin A.	1883	2993	Safford, Robert E.†	1877	2683
Rose, Edwin†	1830	600	Sage, William H.	1882	2952
Rose, George W.†	1852	1539	Saltzman, Charles McK.	1866	3607
Rose, William†	1822	292	Sample, William R.	1888	3266
Rosecrans, William S.†	1842	1115	Sanders, John†	1834	751
Rosecrans, Mortimer†	1841	1107	Sanders, William P.†	1856	1751
Rosenbaum, Otho B.	1894	3598	Sanderson, James A.†	1862	1884
Ross, Edward C.†	1821	268	Sands, Abraham L.†	1809	51
Ross, Francis H.	1865	2092	Sands, George H.	1880	2971
Ross, Reuben R.†	1853	1629	Sandford, James C.	1884	3022
Ross, Richard H.†	1830	626	Sanno, James M. J.	1863	2018
Rossell, William T.	1873	2470	Sargent, Alden†	1850	1485
Rounfort, Augustus L.†	1817	161	Sargent, Herbert H.	1883	2991
Rousseau, Gustave S.†	1828	528	Sarratt, Edwin O.	1897	3753
Rowan, Andrew S.	1881	2920	Sartle, William J.†	1867	2107
Rowan, Hamilton	1876	2640	Sater, William A.	1864	3506
Rowell, Charles W.†	1874	2529	Satterlee, Charles B.†	1876	2601
Rowell, Melvin W.	1890	3367	Saunders, Franklin†	1837	940
Roy, James P.†	1849	1444	Saunders, John S.	1858	1862
Royden, Herbert N.	1891	3444	Savage, Frank M.	1867	3779
Roys, Rufus A.†	1848	1374	Savage, Richard H.	1868	2224
Royster, Thomas J.†	1830	620	Saville, Mathew E.	1863	3562
Ruckman, John W.	1883	2979	Sawtelle, Charles G.	1854	1608
Ruff, Charles E.†	1838	984	Sawtelle, Charles G., jr.	1893	3548
Ruffner, Ernest H.	1867	2156	Saxton, Albert E.	1864	3585
Ruger, Thomas H.	1854	1633	Saxton, Rufus	1849	1424
Ruggles, Colden I. H.	1890	3335	Sayre Farrand	1884	3941
Ruggles, Daniel†	1833	740	Scales, Wallace B.	1868	3866
Ruggles, George D.	1855	1695	Scammon, E. Parker†	1837	869
Ruhlen, George	1872	2426	Scarritt, Jeremiah M.†	1838	945
Rumbough, David J.	1880	2839	Schaeffer, Charles M.†	1878	2734
Runcie, James E.	1879	2768	Schaff, Morris	1862	1975
Rundell, Charles H.†	1852	1560	Schenck, Alexander D.	1867	2191

Name.	Year.	No.	Name.	Year.	No.
Schenck, Bard P. †	1887	3234	Shepherd, Oliver L. †	1840	1049
Schenck, Edwin †	1827	476	Shepperd, Samuel T. †	1854	1660
Scherer, Louis C.	1801	3398	Sheridan, Philip H. †	1853	1612
Schindel, Samuel J. Bayard	1893	3526	Sheridan, Philip H. †	1902	4113
Schoeffel, Francis H.	1801	3406	Sherman, James L. †	1805	2071
Schofield, Charles B. †	1870	2351	Sherman, Thomas W. †	1830	859
Schofield, John M.	1853	1585	Sherman, William T. †	1840	1022
Schofner, James C.	1877	2657	Sherrill, Clarence O. †	1901	3995
Schriver, Edmund †	1833	723	Sherwood, Walter †	1837	928
Schroeder, Henry A.	1880	2833	Shields, Hamilton L. †	1840	1295
Schroeder, Henry B.	1844	1227	Shinkle, Edward M.	1901	4027
Schuler, John J. †	1822	300	Shinn, John B.	1856	1728
Schull, Herman W.	1809	3886	Shipp, William E. †	1853	2952
Schulz, Edward H.	1805	3617	Shipton, James A.	1892	3404
Schumm, Herman C.	1887	3198	Shiras, Alexander E. †	1833	726
Schureman, James W. †	1842	1152	Shoemaker, Frank L. †	1868	2256
Schuyler, Walter S.	1870	2331	Shollenberger, John H.	1883	3002
Schwatka, Frederick †	1871	2380	Shoup, Francis A. †	1855	1691
Scott, Albert B.	1880	2850	Shover, William H. †	1838	956
Scott, Ernest D.	1808	3838	Shunk, Francis J. †	1853	1583
Scott, George L.	1875	2582	Shunk, Francis R.	1887	3174
Scott, Henry L. †	1833	747	Shunk, William A.	1879	2770
Scott, Hugh L.	1876	2628	Sibert, William L.	1884	3027
Scott, John B. †	1821	274	Sibley, Caleb †	1829	508
Scott, John F. †	1821	272	Sibley, Caleb C. †	1829	568
Scott, John M. †	1835	829	Sibley, Ebenezer S. †	1827	470
Scott, John W. †	1835	831	Sibley, Frederick W.	1874	2530
Scott, Moses †	1831	649	Sibley, Henry H. †	1838	971
Scott, Robert J. †	1815	135	Sickel, Horatio G.	1876	2629
Scott, William S.	1880	2852	Sickels, Ethan C. †	1810	218
Screven, Richard B. †	1829	586	Sidell, William H. †	1833	712
Scriven, George P.	1878	2721	Sill, Henry G. †	1832	668
Searight, Joseph D. †	1820	439	Sill, Joshua W. †	1853	1581
Searle, Frederic †	1823	335	Sills, William G.	1805	3935
Searle, Zetus S. †	1850	1490	Silvey, William †	1849	1412
Sears, Clandius W. †	1841	1089	Simmons, Benjamin T.	1805	3659
Sears, Clinton B.	1807	2158	Simmons, Seneca G. †	1834	771
Sears, Henry B. †	1846	1285	Simonds, George S.	1800	3893
Seaton, Augustine F. †	1833	748	Simonson, James †	1815	123
Seawell, Washington †	1825	411	Simonton, Isaac P. †	1827	498
Seay, Samuel, jr.	1887	3222	Simpson, James H. †	1832	679
Sedgwick, John †	1837	914	Simpson, Marcus D. L.	1846	1293
Selden, Henry R. †	1843	1197	Simpson, Wendell L.	1884	3034
Settle, Douglas	1801	3438	Simpson, William A.	1875	2555
Sevier, Robert †	1828	521	Sims, William H. †	1826	459
Seward, Augustus H. †	1847	1364	Sinclair, William	1857	1776
Sewell, John S.	1801	3386	Sing, Charles B. †	1836	861
Seymour, Truman †	1846	1290	Sirmyer, Edgar A.	1897	3774
Shaaff, John T. †	1851	1531	Sitgreaves, Lorenzo †	1832	686
Shackleford, Muscoe L. †	1830	867	Siviter, Francis P.	1895	3045
Shaler, Charles	1807	2170	Skerritt, Delamere	1880	3390
Shanks, David C.	1884	3053	Skinner, Aaron B. †	1820	260
Sharpe, Henry G.	1880	2872	Sladen, Fred. W.	1890	3357
Shattuck, Amos B.	1886	3146	Slaker, Adam	1877	2652
Shaw, George W. †	1835	827	Slattery, John R.	1900	3944
Shelton, Edwin H. †	1879	2357	Slaughter, William A. †	1848	1389
Shelton, George H.	1896	3704	Slavens, Thomas H.	1887	3195

List of Graduates of United States Military Academy. 427

Name.	Year.	No.	Name	Year	N
Slemmer, Adam J. †	1850	1461	Smith, Mathew C. †	1843	84
Sloan, Benjamin	1860	1853	Smith, Melancthon †	1882	1822
Sloan, Benjamin F. †	1860	1853	Smith, Morton F. †	1848	40
Sloan, P. Elmendorf	1865	2113	Smith, Richard S. †	1841	774
Slocum, Henry W. †	1852	1542	Smith, Robert Percy †	1832	93
Sloo, John R. †	1815	129	Smith, Sebree †	1870	2354
Small, Michael P. †	1855	1687	Smith, S. Stanhope †	1818	182
Smalley, Henry A. †	1854	1653	Smith, Thomas L. †	1893	3543
Smallwood, Jenifer H. †	1869	2300	Smith, Walter D. †	1901	4012
Smead, Abner	1854	1655	Smith, Walter H. †	1901	4055
Smead, John R. †	1854	1645	Smith, William †	1834	78
Smead, Raphael C. †	1825	398	Smith, William D. †	1816	1399
Smedburg, William R., jr. †	1893	3527	Smith, William F. †	1845	1234
Smiley, Samuel E. †	1885	3085	Smith, William F. †	1869	2301
Smith, Abiel L. †	1878	2756	Smith, William H. †	1883	2995
Smith, Alfred T. †	1860	1867	Smith, William P. †	1857	1798
Smith, Andrew J. †	1838	976	Smith, William R. †	1892	3454
Smith, Andrew W. †	1902	4117	Smith, William S. †	1839	1009
Smith, Benjamin F. †	1853	1617	Smith, William Sooy. †	1853	1584
Smith, Charles C. †	1804	3608	Smith, William W. †	1812	88
Smith, Charles F. †	1825	410	Smither, Henry C. †	1807	3779
Smith, Charles G. †	1822	288	Smoke, Samuel A. †	1887	3230
Smith, Charles P. †	1865	2089	Smyser, Jacob H. †	1861	1615
Smith, Charles S. †	1866	2128	Snelling, James G. S. †	1845	1251
Smith, Clarke S. †	1898	3810	Snow, William J. †	1890	3354
Smith, Edmund D. †	1879	2773	Snyder, Antes †	1820	572
Smith, Edmund K. †	1845	1255	Snyder, George W. †	1856	1711
Smith, E. Kirby †	1820	460	Sokalski, George O. †	1861	1627
Smith, Erneste V. †	1886	3160	Soléliac, Louis, jr. †	1901	4039
Smith, Ezra †	1811	63	Soley, James R. †	1835	939
Smith, Fine W. †	1895	3055	Solomon, Owen E. †	1853	1506
Smith, Francis G. †	1809	3713	Sorley, Lewis S. †	1891	3448
Smith, Francis H. †	1833	711	Soulé, Frank	1866	2125
Smith, Frederic A. †	1853	707	Southerland, Samuel M. †	1823	33
Smith, Frederick A. †	1873	2489	Spalding, George R. †	1901	3999
Smith, Fred. E. *	1876	2610	Sparrow, Solomon E. †	1878	2728
Smith, George R. †	1875	2580	Spence, Robert E. L. †	1893	3555
Smith, Gustavus W. †	1842	1118	Spencer, Eugene J. †	1882	2680
Smith, Guy H. B. †	1801	3433	Spencer, James M. †	1817	192
Smith, Hamilton A. †	1893	3559	Spilman, Baldwin D. †	1878	2744
Smith, Harry A. †	1891	3423	Spinks, Marcellus G. †	1898	3828
Smith, Harry E. †	1895	3622	Spoor, Charles H. E. †	1830	80
Smith, Henry †	1815	139	Springer Anton, jr. †	1895	3994
Smith, Henry L. †	1830	990	Springett Howard A. †	1877	2647
Smith, Horace †	1825	409	Sprole, Henry W. †	1899	2308
Smith, James A. †	1853	1623	Squier, George O. †	1887	3180
Smith, Jared A. †	1892	1971	Stacy, Lucian †	1866	3989
Smith, J. Allen †	1820	544	Stanley, David S. †	1852	1544
Smith, J. L. Kirby †	1857	1765	Stanley, David S. [jr.]	1895	3658
Smith, John W. A. †	1824	392	Stansbury, Smith †	1841	1092
Smith, Joseph Brice	1820	547	Stanton, Henry W. †	1842	1155
Smith, Joseph P. †	1844	1228	Stanton, William S. †	1895	2955
Smith, Joseph R. †	1823	347	Starr, Charles G. †	1878	2712
Smith, Larkin †	1835	832	Starring, William S. †	1895	2987
Smith, Martin L. †	1812	1126	Stedman, Clarence A. †	1870	2393

* Name changed to Frederick Greydene-Smith, 1902.

Name.	Year.	No.	Name.	Year.	No.
Steele, Charles L.†	1879	2811	Stone, William P.	1883	2981
Steele, Frederick†	1843	1196	Stoneman, George†	1846	1304
Steele, Matthew F.	1883	2992	Storer, William H.†	1832	697
Steele, William†	1840	1047	Story, Henry C.†	1842	1144
Steever, Edgar Z.	1871	2371	Story, John P.	1865	2066
Stephens, John E.	1868	3817	Stotsenburg, John M.†	1881	2919
Stephenson, James R.†	1822	314	Stottler, Victor R.	1882	2949
Stephenson, Thomas T.†	1814	168	Stoughton, Edwin H.†	1859	1841
Stepoe, Edward J.†	1837	924	Stout, Harry H.	1895	3623
Sterling, E. Kearsley	1901	4041	Straub, Oscar I.	1887	3188
Sterling, George A.†	1829	570	Street, Nathaniel H.†	1825	414
Sterrett, Essex†	1827	478	Street, Washington P.†	1847	1361
Stetson, Frederic T.	1802	3503	Stretch, John F.	1866	2149
Stenart, George H.	1848	1405	Stritzinger, Fred. G., jr.	1894	3607
Stevens, Charles J.	1882	2960	Strong, Erastus B.†	1844	1219
Stevens, Edward G.†	1870	2325	Strong, Frederick S.	1880	2837
Stevens, George†	1843	1184	Strong, George C.†	1857	1764
Stevens, Gustave W. S.	1886	3131	Strong, Jasper†	1819	229
Stevens, Isaac I.†	1839	986	Strong, Joseph†	1818	195
Stevens, Robert R.	1877	2677	Stuart, Edwin R.	1896	3669
Stevens, Walter H.†	1848	1372	Stuart, George W.	1899	3928
Stevenson, Carter I.†	1838	982	Stuart, James†	1846	1310
Stevenson, Matthew R.†	1846	1322	Stuart, James E. B.†	1854	1643
Stevenson, William L.	1902	4100	Stuart, Sidney E.†	1880	2829
Stewart, Alexander P.	1842	1122	Stubbs, James R.†	1815	158
Stewart, Cecil.	1886	3111	Sturgeon, Sheldon†	1861	1932
Stewart, Charles	1880	2875	Sturgis, James G.†	1875	2578
Stewart, C. Seaforth	1846	1272	Sturgis, Samuel D.†	1846	1303
Stewart, Gilbert H.	1902	4075	Sturgis, Samuel D., jr.	1884	3033
Stewart, Henry R.†	1842	349	Sturtevant, Girard	1895	3662
Stewart, Joseph	1842	1128	Styer, Henry D.	1884	3049
Stewart, Merch B.	1846	3715	Sudler, Thomas E.†	1820	234
Stewart, Reid T.†	1871	2377	Sullivan, George R.†	1829	578
Stickle, Horton W.	1899	3870	Sullivan, Thomas C.	1856	1722
Stickney, Amos	1864	2022	Snily, Alfred†	1841	1092
Stilwell, William S.†	1827	505	Summerall, Charles P.	1892	3469
Stith, Donald C.	1850	1493	Summerlin, George T.	1896	3727
Stivers, Charles B.	1856	1739	Sumter, William†	1812	81
Stivers, Charles P.	1879	2799	Sunderland, Archibald H.	1900	3963
Stockham, Edward V.	1889	3328	Snplee, Edwin M.	1888	3293
Stockle, George E.	1888	3274	Suter, Charles R.	1862	1970
Stockton, Edward D.†	1849	1418	Swain, Hugh	1860	3376
Stockton, Philip†	1852	1568	Swaine, Peter T.	1852	1559
Stockton, Richard G.†	1836	885	Swaine, William M.	1886	3147
Stockton, Thomas†	1831	654	Swartwout, Henry†	1832	701
Stockton, Thomas B. W.†	1827	485	Swearingen, Joseph V.†	1824	390
Stockton, William T.†	1834	757	Sweet, John J.†	1860	1882
Stoddard, John S.†	1830	603	Swezey, Claude B.	1892	3474
Stodter, Charles E.	1866	3690	Sweitzer, N. Bowman	1853	1602
Stogsdall, Ralph R.	1864	3612	Swift, Alexander J.†	1830	587
Stokes, James H.†	1835	802	Swift, Eben	1876	2621
Stokes, Marcus B.	1802	3496	Swift, Joseph G.†	1802	1
Stokey, William P.	1900	3954	Swift, Joseph G.†	1866	2142
Stoll, Walter R.	1881	2925	Swift, William H.†	1819	231
Stone, Charles P.†	1845	1237	Swigert, Samuel M.	1868	2245
Stone, David L.	1808	3867	Switzer, John S.	1891	3439
Stone, Roderick†	1859	1838	Swords, Thomas†	1829	563

List of Graduates of United States Military Academy. 429

Name.	Year.	No.	Name.	Year	No.
Sydenham, Alvin H.†	1889	3296	Thompson, James S.†	1825	1
Sykes, George†	1842	1149	Thompson, John C.†	1866	2154
Symington, John†	1815	126	Thompson, John T.†	1882	2412
Symington, John	1901	4054	Thompson, Philip R.†	1838	821
Symmes, John C.†	1847	1331	Thompson, Richard E.	1878	2751
Symmonds, Charles J.	1899	3377	Thompson, W. Beverhont†	1821	391
Symonds, Henry C.†	1853	1599	Thorington, Monroe P.†	1877	2673
Symons, Thomas W.	1874	2599	Thornburg, Thomas T.†	1867	2170
Taber, Henry S.†	1873	2469	Thornton, William A.†	1825	401
Taggart, Elmore F.	1883	3007	Threlkeld, Hansford L.	1892	3492
Talcott, Andrew†	1818	181	Thruston, Charles M.†	1814	105
Talcott, George H.†	1831	639	Thurston, Walter A.	1879	2825
Tallmadge, Grier†	1848	1388	Tibbatts, S. Theodore†	1835	823
Tannatt, Thomas R.	1859	1804	Tidball, John C.	1848	1372
Tappen, Alexander H.†	1835	819	Tidball, Joseph L.	1849	1432
Tardy, John A.†	1850	1848	Tidball, William	1901	4056
Tate, Daniel L.	1880	2856	Tilden, Bryant P.†	1840	1036
Taulbee, Joseph F.	1902	4114	Tilford, Joseph G.	1851	1533
Taylor, Charles W.	1879	2819	Tilghman, Lloyd†	1836	887
Taylor, Daniel M.	1869	2277	Tilghman, Richard C.†	1828	599
Taylor, Edward†	1893	3558	Tilghman, Tench†	1832	683
Taylor, Francis†	1825	400	Tillinghast, Nicholas†	1824	374
Taylor, George†	1837	913	Tillinghast, Otis H.†	1847	1343
Taylor, Harry	1884	3026	Tillman, Samuel E.	1869	2275
Taylor, James H.†	1830	616	Tillson, John C. F.	1878	2736
Taylor, John R. M.	1889	3318	Timberlake, Edward J., jr.	1893	3521
Taylor, Joseph H.†	1856	1741	Tingle, Charles A.	1875	2559
Taylor, Oliver H. P.†	1846	1302	Tipton, John†	1859	1717
Taylor, Walter L.†	1887	3233	Todd, Albert	1877	2945
Teare, Charles C.	1883	3013	Todd, Henry D.	1890	3337
Tebbetts, Clinton H.	1879	2337	Todd, John B. S.†	1837	929
Tebbetts, Harry H.	1896	3728	Todd, John W.†	1852	1541
Temple, Robert E.†	1828	511	Tolman, Thomas M.†	1865	2065
Templeman, George†	1812	78	Tompkins, Christopher Q.†	1836	868
Terrell, John P.	1902	4095	Tompkins, Daniel D.†	1820	241
Terrill, William R.†	1853	1594	Torbert, Alfred T. A.†	1855	1697
Tevis, Washington C.†	1849	1430	Torrence, Samuel†	1828	533
Thayer, Arthur	1886	3103	Torrey, William G.†	1849	1953
Thayer, Russell	1874	2525	Torrey, Zerah W.	1880	2874
Thayer, Sylvanus†	1808	33	Totten, Charles A. L.	1873	2473
Thom, George†	1839	992	Totten, Edward H.†	1865	2079
Thomas, Bryan M.	1858	1819	Totten, James†	1841	1083
Thomas, Charles W.†	1855	1698	Totten, John R.	1878	2725
Thomas, Earl D.	1869	2295	Totten, Joseph G.†	1895	10
Thomas, Francis J.†	1844	1211	Touey, Timothy A.†	1875	2576
Thomas, Frederick†	1825	424	Tower, Zealous B.†	1841	1059
Thomas, George C.†	1830	876	Towers, John A.†	1886	3102
Thomas, George H.†	1840	1025	Townsend, Curtis McD.	1879	2763
Thomas, John A.†	1833	721	Townsend, Edward D.†	1837	906
Thomas, Lorenzo†	1823	342	Townsend, E. Franklin	1854	1658
Thomas, Richard M.	1900	3993	Townsend, Joel C.†	1826	440
Thomas, Robert B.†	1852	1553	Townsend, Thomas G.†	1871	2497
Thompson, Alexander R.†	1812	75	Townsley, Clarence P.	1881	2802
Thompson, Henry A.†	1819	209	Towsley, Charles D.	1885	3042
Thompson, James†	1851	1499	Tracy, Joseph P.	1896	3680
Thompson, James K.	1884	3046	Trapier, James H.†	1838	943
Thompson, James L.†	1828	527	Trask, Thomas S.†	1827	493

Name.	Year.	No.	Name.	Year.	No.
Traub, Peter E.	1886	3127	Van Cleve, Horatio P. †	1861	652
Travis, Pierce M. B.	1880	2857	Vanderbilt, George W. †	1860	1885
Treadwell, Thomas J. †	1854	1035	Vanderveer, John S. †	1830	619
Treat, Charles G.	1882	2944	Van Deusen, George W.	1880	2842
Trenor, Eustace †	1822	308	Van De Venter, Christopher †	1809	40
Trescot, George †	1813	90	Van De Venter, Michael F. †	1815	141
Trevitt, John †	1844	1217	Van Dorn, Earl †	1842	1162
Trimble, Isaac R. †	1822	302	Van Duyne, Frederick W.	1899	3915
Tripp, Frederick A. †	1887	3201	Van Horn, James J. †	1858	1811
Tripp, Percy E.	1880	2878	Van Horne, Jefferson †	1827	499
Trott, Clement A.	1899	3903	Van Liew, Frederick T.	1881	2931
Trout, Harry G.	1886	3135	Van Orsdale, John T.	1872	2425
Trowbridge, William P. †	1848	1369	Van Rensselaer, Henry †	1831	648
Troxel, Orlando C.	1901	4018	Van Swearingen, Joseph †	1824	390
Truitt, Charles M.	1879	2794	Van Vliet, Stewart †	1840	1025
Tschappat, William A.	1896	3673	Van Voast, James	1852	1543
Tufts, Danforth H. †	1826	447	Van Wyck, Philip R. †	1828	540
Tufts, John M. †	1820	251	Varnum, Charles A.	1872	2427
Tupes, Herschel	1806	3702	Vestal, Solomon P.	1888	3250
Turnbull, Charles N. †	1854	1636	Veuve, Henry de.	1852	1547
Turnbull, William †	1819	211	Vidmer, George.	1894	3700
Turner, Daniel †	1814	103	Viele, Egbert L. †	1847	1360
Turner, George L.	1874	2535	Villard, Hippolyte H. †	1811	65
Turner, George W. †	1831	636	Villepigne, John B. †	1854	1652
Turner, Henry S. †	1834	770	Vincent, Thomas M.	1853	1580
Turner, John W. †	1855	1690	Vining, Benjamin C. †	1818	192
Turner, Reuben B.	1881	2897	Vinton, David H. †	1822	299
Turnley, Parmenas T.	1846	1311	Vinton, Francis †	1830	590
Turtle, Thomas †	1867	2159	Vinton, Francis L. †	1856	1720
Tutherly, Herbert E.	1872	2460	Vinton, John R. †	1817	168
Tuttle, Stephen †	1820	232	Vogdes, Charles B.	1880	2870
Twining, William J. †	1863	1998	Vogdes, Israel †	1837	901
Twiss, Thomas S. †	1826	430	Volkmair, William J. †	1868	2249
Tyler, Augustus C.	1873	2498	Voorhies, Gordon	1891	3431
Tyler, Charles H. †	1848	1391	Vose, William P.	1864	2044
Tyler, Charles R.	1874	2543	Wade, John P.	1896	3705
Tyler, Daniel †	1819	216	Wade, Levi L. †	1854	1669
Tyler, Robert O. †	1853	1600	Wade, Robert B. †	1865	2112
Tyler, William H. †	1846	1324	Wager, Barnet †	1867	2201
Tyson, Laurence D.	1883	3019	Waggaman, George G. †	1835	806
Uline, Willis.	1890	3374	Wagner, Arthur L.	1875	2589
Umbstaetter, Charles I.	1866	2152	Wagner, Orlando G. †	1859	1829
Underhill, Frederick A. †	1819	204	Wahl, Lutz.	1891	3427
Upham, John J. †	1859	1844	Wainwright, George †	1844	1226
Upham, William H.	1866	2139	Wainwright, Robert A. †	1835	837
Upton, Emory †	1861	1805	Wainwright, Robert P. P.	1875	2573
Upton, La Roy S.	1891	3422	Waite, Henry De H.	1879	2803
Vry, Asbury †	1832	705	Walbach, Louis A. B. †	1834	765
Vail, Jefferson †	1821	279	Walbridge, Truman K. †	1848	1385
Vaillant, Rigby D.	1902	4090	Walcutt, Charles C.	1886	3123
Valentine, William S.	1897	3768	Waldron, Albert R.	1899	3878
Vallé, Louis †	1808	35	Walke, Willoughby	1883	2984
Van Bokkelen, William K.	1843	1193	Walker, Benjamin †	1819	215
Van Buren, Abraham †	1827	506	Walker, Charles J. †	1857	1774
Van Buren, Daniel T. †	1847	1336	Walker, Edgar S.	1883	3014
Van Camp, Cornelius †	1855	1679	Walker, George B.	1872	2435
Vance, Capers D. †	1888	3280	Walker, Henry H.	1853	1019
Vance, Joseph C. †	1832	669	Walker, Henry P. †	1874	2540

List of Graduates of United States Military Academy. 431

Name.	Year.	No.	Name.	Year.	No.
Walker, John P.	1866	2147	Webster, Edmund K.	1874	2824
Walker, Kenzie W.	1893	3544	Webster, Frank D.	1891	3324
Walker, Kirby	1892	3472	Webster, George O.†	1896	2144
Walker, Leverett H.	1871	2385	Webster, Horace†	1818	183
Walker, Lucius M.†	1850	1464	Webster Isaac T.†	1899	2138
Walker, Meriwether L.	1893	3514	Webster, John McA.	1871	2402
Walker, Thomas W.†	1856	1739	Webster, Lucien B.†	1823	83
Walker, William H. T.†	1837	936	Weed, Stephen H.†	1854	1687
Wall, William†	1832	674	Weeden, John H.†	1866	2119
Wallace, David†	1821	270	Weeks, George H.	1857	1782
Wallace, George D.†	1872	2419	Weeks, George McD.	1892	3566
Wallace, Robert Bruce†	1890	3348	Weeks, Harrison S.†	1868	2295
Wallace, William B.†	1836	853	Weigel, William	1887	3200
Wallen, Henry D.†	1840	1050	Weir, William B.†	1870	2318
Wallen, Henry D., jr.†	1867	2189	Weitzel, Godfrey†	1855	1678
Waller, Henry†	1833	724	Welborn, Ira C.	1898	3847
Walsh, Robert D.	1883	3005	Welborn, Luther S.	1879	2775
Walton, Romulus F.	1868	3851	Welch, Louis D.†	1845	1244
Waltz, Millard F.	1878	2743	Welch, Lyman M.	1897	3501
Wansboro, Thomas A.†	1898	3730	Welcker, George L.†	1836	842
Ward, Charles R.	1871	2403	Welcker, William T.†	1851	1497
Ward, Frederick K.	1870	2344	Weld, Thomas B. J.†	1845	1246
Ward, George W.†	1842	662	Wells, Briant H.	1894	3610
Ward, James N.†	1845	1268	Wells, Frank L.	1894	3609
Ward, Thomas	1863	2010	Wells, James M.†	1835	824
Wardwell, Henry†	1840	1045	Wells, William†	1814	111
Warfield, William H.†	1829	573	Wells, William W.†	1821	265
Warner, Charles N.	1862	1904	Welsh Blanton C.	1882	2061
Warner, Edward R.	1857	1780	Welsh, William E.	1894	3666
Warner, James M.†	1860	1886	Wendell, Abraham†	1815	133
Warner, William H.†	1836	851	Wessells, Henry W.†	1833	735
Warren, Gouverneur K.†	1850	1451	Wesson, Charles M.	1900	3960
Warren, James G.	1881	2883	West, Barrington K.	1882	2056
Washington, George A.†	1815	134	West, Eugene R.	1901	4021
Washington, John M.†	1817	178	West, Frank	1872	2428
Washington, Thornton A.†	1849	1439	West, James†	1830	605
Wassell, William H.	1887	3231	West, Parker W.	1881	2921
Wasson, James R.	1871	2370	Westervelt, William L.	1900	3955
Waterman, C. Douglas†	1864	2032	Westmore, Stephen M.†	1827	503
Waterman, Henry E.†	1883	2971	Wetmore, Samuel W.†	1814	110
Waterman, John C.	1881	2916	Wetmore, William B.	1872	2448
Waters, George W.†	1823	338	Wever, Benjamin S.	1880	2861
Waters, James H.	1881	2907	Wharton, Henry C.†	1862	1973
Watson, Frank B.	1895	3005	Whedbee, Thomas M.†	1846	1281
Watson, George†	1832	670	Wheeler, Charles B.	1887	3177
Watson, James W.	1880	2877	Wheeler, David P.	1898	3856
Watson, John	1900	3976	Wheeler, Edward D.†	1864	2045
Watson, Malbone F.†	1861	1912	Wheeler, Elbert	1875	2562
Watts, Charles II	1872	2442	Wheeler, Fred	1878	2752
Watts, George O.	1861	1964	Wheeler, George M.	1866	2120
Way, Henry N.†	1899	3930	Wheeler, James†	1855	1694
Wayman, Samuel P.†	1877	2607	Wheeler, Joseph	1859	1843
Wayne, Henry C.†	1838	954	Wheeler, Joseph, jr.	1895	3931
Weaver, Erasmus M.	1875	2563	Wheeler, Junius B.†	1855	1681
Webb, Alexander S.	1855	1689	Wheeler, Otis†	1821	281
Webb, George†	1818	197	Wheeler, William B.	1871	2400
Webb, William A.†	1853	1613	Wheeler, William H.	1874	2548
Webber, John A.†	1815	153	Wheelock, Joseph H.†	1850	1455

Name	Year.	No.	Name.	Year.	No.
Wheelock, Thompson B.†	1822	295	Willcox, Joseph M.†	1812	72
Wheelwright, Washington†	1821	260	Willcox, Orlando B.†	1847	1338
Whipple, Amiel W.†	1831	1063	Willey, Thomas M.†	1868	2207
Whipple, Charles W.†	1868	2239	Williams, Alexander E.†	1868	3850
Whipple, Herbert S.†	1885	3095	Williams, Alexander J.†	1811	53
Whipple, Joseph H.†	1838	835	Williams, Andrew E.†	1893	3534
Whipple, William D.†	1881	1524	Williams, Arthur	1901	4003
Whistler, George W.†	1819	214	Williams, Charles A.†	1874	2544
Whistler, Joseph N. G.†	1840	1318	Williams, Charles W.†	1875	2592
White, Edward B.†	1820	437	Williams, Clarence C.†	1894	3566
White, George P.†	1891	3306	Williams, Edward R.†	1829	585
White, Herbert A.†	1898	3624	Williams, George A.†	1852	1569
White, James L.†	1853	1063	Williams, Herbert O.†	1891	3440
White, John V.†	1877	2053	Williams, James M.†	1894	3567
White, Moses J.†	1858	1709	Williams, James S.†	1831	656
White, Richard M.†	1815	160	Williams, John B.†	1861	1913
White, Clysses S. G.†	1871	2395	Williams, John R.†	1876	2593
Whitehead, Henry C.†	1860	3733	Williams, Lawrence A.†	1852	1571
Whitehead, Nathaniel J.†	1879	2824	Williams, Matthew J.†	1825	405
Whitehorne, Samuel†	1830	882	Williams, Richard A.†	1870	2334
Whitely, Robert H. K.†	1830	599	Williams, Robert†	1851	1512
Whiting, Charles J.†	1835	789	Williams, Robert C.†	1886	3162
Whiting, Daniel P.†	1832	689	Williams, Seth†	1842	1133
Whiting, Henry†	1840	1033	Williams, Solomon†	1858	1808
Whiting, Henry M.†	1842	1124	Williams, Thomas†	1837	902
Whiting, William H. C.†	1845	1231	Williams, Thomas G.†	1849	1438
Whitlock, Frank O.†	1900	3050	Williams, William G.†	1824	375
Whitman, Frank Homer†	1896	3712	Williams, William H.†	1902	4089
Whitman, Walter M.†	1891	3434	Williams, Wolvert E.†	1815	151
Whitney, Henry H.†	1892	3460	Williamson, Andrew J.†	1842	1156
Whittemore, James M.†	1860	1854	Williamson, George McK.†	1887	3208
Whittlesey, Charles†	1831	660	Williamson, John†	1826	451
Whittlesey, Joseph H.†	1844	1207	Williamson, Robert S.†	1848	1373
Whitworth, Pegram†	1894	3615	Williard, Harry O.†	1896	3701
Wholley, John H.†	1890	3366	Willing, Wildurr†	1901	4004
Wickliffe, Charles†	1839	1011	Wills, John H.†	1881	2926
Wieting, Orlando L.†	1870	2360	Wilson, Clarendon J. L.†	1846	1280
Wigmore, Hubert L.†	1899	3877	Wilson, Eugene T.†	1888	3248
Wilcox, Cadmus M.†	1846	1325	Wilson, George†	1830	621
Wilcox, Frank A.†	1892	3488	Wilson, Horatio A.†	1824	373
Wilcox, James H. G.†	1880	2867	Wilson, James H.†	1850	1483
Wilcox, John R.†	1822	317	Wilson, James H.†	1860	1852
Wilder, Wilber R.†	1877	2672	Wilson, James L.†	1874	2513
Wilder, William T.†	1888	3271	Wilson, J. Eveleth†	1862	1957
Wildrick, Abram C.†	1857	1773	Wilson, John M.†	1860	1858
Wilen, John W.†	1900	3088	Wilson, Richard H.†	1877	2666
Wilhelm, William H.†	1888	3272	Wilson, Thomas†	1853	1607
Wilkins, Harry E.†	1887	3187	Wilson, Walter K.†	1902	4094
Wilkins, John D.†	1846	1317	Winaus, Edwin B., jr.†	1891	3493
Wilkinson, Frederick†	1831	658	Winder, Charles S.†	1850	1471
Wilkinson, John W.†	1872	2440	Winder, John H.†	1820	242
Wilkinson, Theophilus F. J.†	1832	685	Winn, Frank L.†	1886	3158
Willard, Joseph H.†	1868	2226	Winn, John S.†	1888	3246
Willard, Prentiss†	1866	10	Winship, Oscar F.†	1840	1035
Willard, Simon†	1815	125	Winslow, Eben E.†	1889	3282
Willcox, Cornelis DeW.†	1885	3061	Winston, Donald†	1878	2740
Willcox, E. Farnsworth†	1878	2755	Winston, Eddie T.†	1889	3311
Willcox, Francis W.†	1889	3290	Winston, Thomas W.†	1890	3340

Name.	Year.	No.	Name	Year
Wise, Hugh D.....	1894	3614	Wooten, William P.....	1898
Wisser, John P.....	1874	2517	Worden, Charles A.†.....	1872
Withers, John†.....	1849	1429	Workizer, John G.....	1897
Withers, Jones M.†.....	1835	829	Worth, Henry A. F.†.....	1859
Wittenmyer, Edmund.....	1887	3228	Worth, Joseph S.†.....	1825
Witter, Henry F.†.....	1851	1532	Worthington, Thomas†.....	1827
Wittich, Willis.....	1874	2534	Wragg, Samuel†.....	1822
Wolcott, Christopher C.†.....	1897	2210	Wright, Aaron M.†.....	1822
Wolf, Louis C.....	1897	3744	Wright, Benjamin H.†.....	1822
Wolf, Paul A.....	1899	3374	Wright, Crafts J.†.....	1828
Wolf, Silas A.....	1878	2757	Wright, Edmund S.....	1889
Wood, Abram E.†.....	1872	2424	Wright, Edward M.†.....	1890
Wood, Charles E. S.....	1874	2532	Wright, George†.....	1822
Wood, Edward F.....	1870	2317	Wright, Horatio G.†.....	1841
Wood, Eleazer D.†.....	1806	17	Wright, James†.....	1854
Wood, Ingham†.....	1831	657	Wright, James H.†.....	1829
Wood, Lafayette B.†.....	1843	1191	Wright, John†.....	1814
Wood, Oliver E.....	1867	2192	Wright, Moses H.†.....	1859
Wood, Robert E.....	1900	3952	Wright, Thomas†.....	1849
Wood, Thomas J.....	1845	1235	Wright, Thomas J.†.....	1854
Wood, William H.†.....	1845	1297	Wright, Walter K.....	1883
Wood, William T.....	1877	2982	Wright, William H.†.....	1838
Wood, Winthrop S.....	1889	3312	Wyatt, Walter S.....	1871
Woodbridge, Francis†.....	1837	904	Wygant, Henry.....	1872
Woodbridge, George†.....	1829	442	Wyman, Powell T.†.....	1850
Woodbury, Daniel P.†.....	1836	847	Wyndham, John D.†.....	1806
Woodbury, Thomas C.....	1872	2436	Wyse, Francis O.†.....	1837
Woodruff, Charles A.....	1871	2380	Yates, Halsey E.....	1899
Woodruff, Eugene A.†.....	1866	2121	Yates, William.....	1893
Woodruff, George A.†.....	1891	1648	Yeatman, Richard T.....	1872
Woodruff, I. Carle†.....	1836	871	Yeaton, Franklin†.....	1869
Woodruff, James A.....	1899	3898	Yoakum, Henderson K.†.....	1842
Woodruff, Thomas M.†.....	1871	2384	Young, Charles.....	1889
Woods, Charles R.†.....	1852	1555	Young, Edward C.....	1887
Woods, James S.†.....	1844	1222	Young, Richard W.....	1882
Woods, Joseph J.†.....	1847	1333	Yonng, William C.†.....	1822
Woods, Samuel†.....	1837	926	Young, Willard.....	1875
Woodward, Charles G.....	1877	2951	Youngberg, Gilbert A.....	1900
Woodward, John E.....	1892	3509	Zane, Edmund L.....	1902
Wooley, Frederick.....	1878	2724	Zinn, George A.....	1883
Wooster, Charles E.†.....	1837	921		

The Editor begs to express his sincere acknowledgments to the following graduates who have been kind enough to assist in the reading of the proof sheets of the first volume of this work, namely: Col. CHARLES W. LARNED, Col. S. E. TILMAN, Col. EDWARD E. WOOD (the committee on the Memorial Volume, who have revised every sheet); Lieut. CHARLES R. LAWSON, Lieut. PRESSLEY K. BRICE, Lieut. STEPHEN ABBOT, Lieut. ARTHUR H. BRYANT, each of whom has read a chapter of the book. Lieut. H. J. KOEHLER has also read the proof sheets of his own chapter. All the proofs have been read by the Editor and by Mr. W. L. OSTRANDER, of the Library U. S. M. A. To the latter and to the accomplished proof readers of the Government Printing Office sincere acknowledgments are also due.

It is perhaps worth recording here that in the foregoing bibliographies the sign O means that the height of the book referred to is not over ten inches. It does not refer to the *format*.

O

410
-1 625
v.2

U

THE LIBRARY

University of California
SOUTHERN REGIONAL LIBRARY FACILITY
405 Hilgard Avenue, Los Angeles, CA 90024-1388
Return this material to the library
from which it was borrowed.

THIS BOOK



UD SOUTH-EAST REGIONAL LIBRARY FACILITY

D 000 706 725 9


3 1205 00188 3410

cal

